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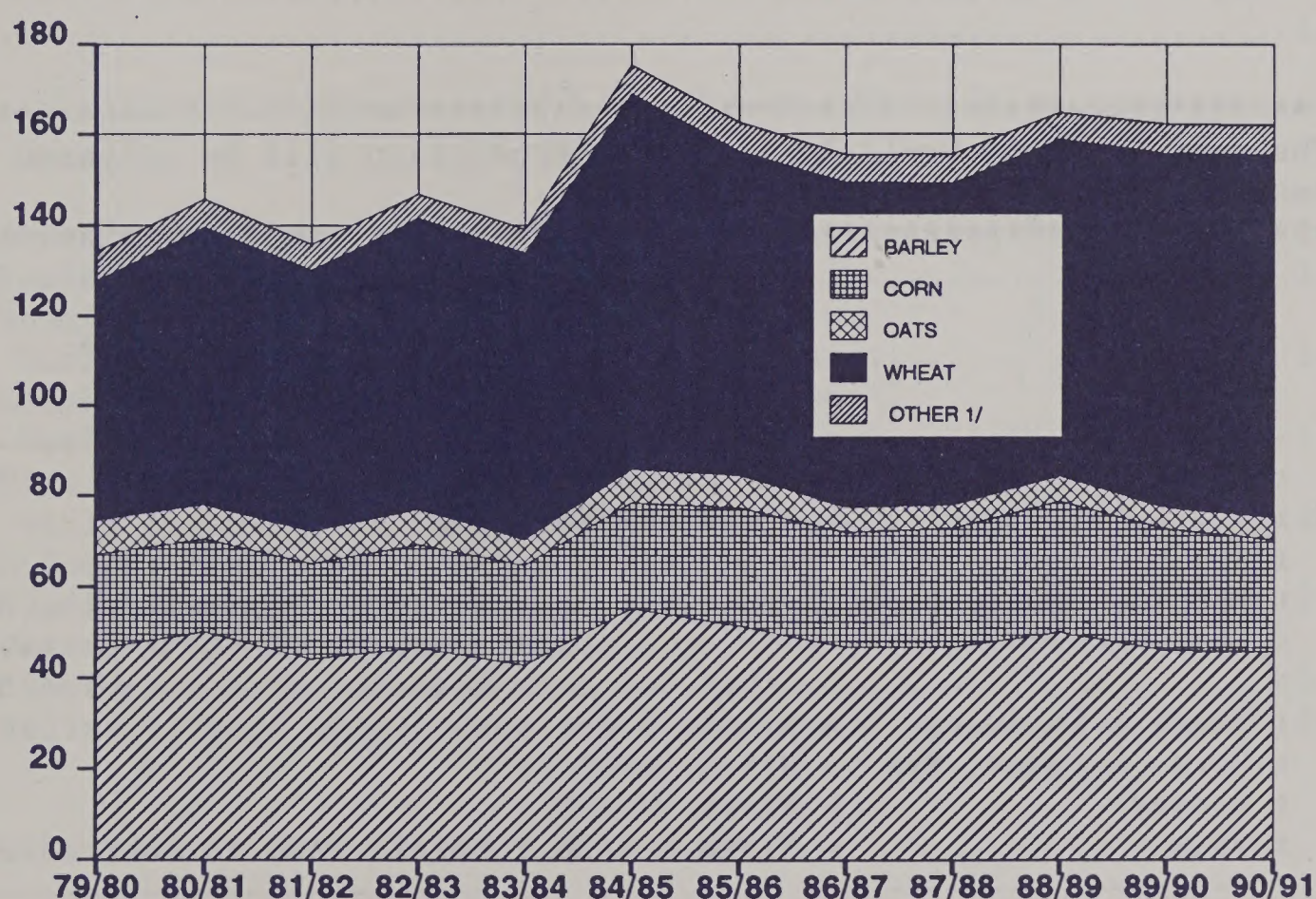
Foreign
Agricultural
Service

Circular Series
WAP 7-90
July 1990

World Agricultural Production

EC-12 GRAIN PRODUCTION

Million Metric Tons



1/ Other includes rye, sorghum, mixed grains, and milled rice.

Inside This Issue.....

World Production of Tomatoes
for Processing

World Tobacco Production
EC-12 Grain Production

This report draws on information from USDA's global network of agricultural attaches and counselors, official statistics of foreign governments, other foreign source materials, and results of office analysis. Estimates of U.S. acreage, yield, and production are from USDA's Agricultural Statistics Board, except where noted. All numbers in this report are based on unrounded data and detail may not add to totals because of rounding. This report reflects official USDA estimates released in World Agricultural Supply and Demand Estimates (WASDE-244), July 12, 1990.

This report was prepared by the Production Estimates and Crop Assessment Division (PECAD), FAS/USDA, Washington, D.C. 20250. Further information may be obtained by writing to the division or by calling (202) 382-8888.

 * The next issue of World Agricultural Production will be released at 3 p.m. *
 * eastern time on August 10, 1990. *

:			:
:	CONVERSION TABLE		:
:			:
:	Metric Tons to Bushels	:	Metric Tons to 480-lb. Bales
:	-----	:	-----
:		:	Cotton = MT*4.592917
:	Wheat & Soybeans = MT*36.7437	:	
:	Corn, Sorghum, Rye = MT*39.36825	:	
:	Barley = MT*45.929625	:	
:	Oats = MT*68.894438	:	Metric Tons to Hundredweight
:	-----	:	-----
:	1 hectare = 2.471044 acres	:	Rice = MT*22.04622
:	1 kilogram = 2.204622 pounds	:	

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PRODUCTION HIGHLIGHTS FOR 1990/91

WHEAT: World production for 1990/91 is estimated at a record 571.7 million metric tons, up 3.6 million tons or 1 percent from last month's figure and up 7 percent from last year's harvest. Country highlights are as follows:

- o United States Production is estimated at 73.4 million tons, up less than 1 percent from last month and up 33 percent from last year. Favorable weather conditions for spring wheat have improved the outlook.
- o Canada Production is estimated at 27.5 million tons, up 1.0 million or 4 percent from last month, and up 13 percent from last year. Abundant rains throughout much of the prairie provinces have improved yield prospects.
- o China Production is estimated at 94.5 million tons, up 1.5 million or 2 percent from last month and up 4 percent from last year. Early reports from China describe an excellent winter wheat harvest this year due to a large increase in planted area together with good weather during the growing season. A bumper harvest of spring wheat is also forecast because of continuing favorable weather conditions in the Northeast.
- o EC-12 Production is estimated at 80.3 million tons down 0.5 million or 1 percent from last month, but up 2 percent from last year. Hot and dry conditions throughout May and June reduced production prospects in Spain and Greece.
- o East Europe Production is estimated at 43.9 million tons, up 0.9 million tons or 2 percent from last month and up 2 percent from last year. The increase reflects more favorable yield prospects in Romania, Yugoslavia, and East Germany.
- o Turkey Production is estimated at a 14.0 million tons, up 0.5 million or 4 percent from last month and up 22 percent from last year. Favorable May and June weather improved yield prospects.

COARSE GRAINS: World production for 1990/91 is estimated at 812.0 million tons, down 8.6 million or 1 percent from last month, but up 1 percent from last year. Country highlights are as follows:

- o United States Production is estimated at 229.2 million tons, down 8.5 million or 4 percent from last month, but 3 percent above last year. Reduced corn production estimates reflect late planting in some areas and hot, dry weather in the South.

- o Canada Production is estimated at 24.7 million tons, up 0.9 million or 4 percent from last month and up 5 percent from last year. Higher yields are forecast for corn, barley, and oats.
- o Eastern Europe Production is estimated at 66.5 million tons, down 0.9 million or 1 percent from last month. The reduction primarily reflects a decline in Romania's corn area, which was partially offset by a larger barley estimate.
- o Morocco Production is estimated at 2.6 million tons, up 0.2 million or 8 percent from last month. The increase reflects significantly larger barley area estimates in southern Morocco.

RICE (MILLED-BASIS): World production for 1990/91 is projected at 340.8 million tons, virtually unchanged from the 1989/90 record crop. Foreign production in 1990/91 is projected at 335.8 million tons, a decrease of 0.1 million or less than 1 percent from 1989/90. U.S. output is projected at 5.0 million tons, up 0.1 million or 2 percent from last season. Country highlights are as follows:

- o Bangladesh Production is estimated at 17.0 million tons, down 0.7 million or 4 percent from last year's record performance. Harvested area is forecast to decline slightly during the Aman crop season, while Boro crop area is expected to continue to expand. More normal crop losses are expected due to weather this year, compared to the unusually favorable season last year.
- o Brazil Production is forecast at 6.7 million tons, up 1.0 million or 17 percent from last year. Plentiful rains in Rio grande do Sul assure adequate irrigation supplies for the summer rice crop for the first time in three years. Both yields and planted area are forecast to increase.
- o China Production is estimated at 126.0 million tons, down less than 1 percent from last year's record crop. A slight reduction in estimated area is expected to be offset by the expanded use of high-yield hybrid rice varieties.
- o India Production is estimated at 70.0 million tons, unchanged from last year. Harvested area and yield are also forecast to remain at 1989/90 levels.

- o Indonesia Production is estimated at 28.8 million tons down 0.3 million tons or 1 percent from last year's record crop. The reduction reflects prospects for lower area planted to rice as farmers shift to soybeans due to relatively higher prices.
- o Pakistan Production is estimated at a record 3.5 million tons, up 0.3 million or 9 percent from last year's flood reduced crop. Harvested area is forecast near last year's record levels. Farmers are expected to improve management and input allocation to rice owing to strong domestic rice prices.
- o Philippines Production is estimated at 6.2 million tons, up 0.5 million or 8 percent from last year's drought stricken crop. Area and yields are expected to increase as the government improves incentives to producers.
- o South Korea Production is estimated at 5.5 million tons, down 0.4 million or 7 percent from last year. Area and yields are expected to decline from the record levels of the last few years.
- o Vietnam Production is estimated at 11.4 million tons, down 0.3 million tons or almost 3 percent below last year. Less than ideal growing conditions and lack of fertilizers for high-yielding seed varieties are expected to constrain area and production.

OILSEEDS: Total world oilseeds production for the 1990/91 is forecast at a record 220.9 million tons, up 9.5 million or 4 percent from the 1989/90 crop. Foreign production during 1990/91 is projected to be a record 161.9 million tons, up 9.9 million or 6 percent from last year. U.S. production is projected at 58.9 million tons, down 0.4 million or less than 1 percent from 1989/90.

- * Soybeans: World production for 1990/91 is forecast at a record 107.4 million tons, up 1.3 million or 1 percent over last year. While U.S. production is estimated down by 1.8 million tons, foreign soybean output is forecast up by 3.2 million. China and Brazil account for 88 percent of this year's additional foreign production. Country highlights are as follows:

- o United States Production is estimated at 50.6 million tons, down 1.8 million or 3 percent from last year.

- o Argentina Production is estimated at a record 11.0 million tons, up 0.2 million or 2 percent from 1989/90. The increase is based on forecast marginal expansion in area.
- o Brazil Production is estimated at 20.5 million tons, up 1.2 million or 6 percent from last year. Area is forecast to remain near last year's level. However, near average yields are estimated.
- o China Production is estimated at 11.8 million tons, up 1.6 million or 15 percent from last year's drought-reduced crop. The major production areas in the Northeast and North China Plain had good planting weather and yields are forecast to be better than last year.
- o India Production is estimated at a record 1.8 million tons, up 0.1 million or 6 percent from last year's record crop. Continued expansion of soybean area is forecast in 1990/91, in the largely summer-fallow region of central west Madhya Pradesh. High market prices are expected to maintain farmer interest in this non-traditional oilseed.
- o Indonesia Production is estimated at 1.2 million tons, up 0.1 million or 9 percent from last year. The increase is due to area shifting out of rice into soybeans, reflecting relatively more favorable prices.
- o Mexico Production is estimated at 0.4 million tons, down 0.5 million or 48 percent from last year. As a result of continuing drought conditions, nearly half of the area which produced soybeans last year is expected to be taken out of production due to a lack of irrigation water.
- o Paraguay Production is forecast at 1.6 million tons, up 0.3 million or 19 percent from last year. Yields are forecast to return to near average level, rebounding from last year's drought during the flowering stage.
- * Cottonseed: World production for 1990/91 is forecast at 33.2 million tons, up 2.7 million or 9 percent over last year. Foreign producers are expected to increase production by 6 percent over last year to 27.9 million tons, while the United States is forecast to boost output by 24 percent, to 5.3 million tons. Country highlights are as follows:
 - o United States Production is estimated at 5.3 million tons, up 24 percent from last year.

- o China Production is estimated at 7.8 million tons, up 1.3 million or 20 percent from last year. Cotton production is expected to recover from last year's poor harvest. Increase planted area is forecast as a result of higher prices, and other economic incentives.
 - o India Production is estimated at 4.1 million tons, down 0.3 million or 6 percent from last year's record crop. Harvested area is forecast to rise 3 percent owing to favorable returns to growers in 1989/90, and expected higher government support prices this season.
 - o USSR Production is forecast at 4.6 million tons, down 0.1 million or 2 percent from last year. Area is forecast down as government policy has pushed for more food and feed production.
- * Peanuts: World production for 1990/91 is forecast at 22.8 million tons, up 1.0 million or 5 percent over last year. Foreign production is expected to climb by 0.9 million tons or 4 percent over last year. U.S. output is forecast up 9 percent, reaching nearly 2 million tons in 1990/91. Country highlights are as follows:
- o United States Production is estimated at 2.0 million tons, up 0.2 million or 9 percent over last year.
 - o China Production is estimated at 5.8 million tons, up 0.4 million or 8 percent from last year. Planted area increased by an estimated 0.1 million hectares and yields are forecast to return to normal levels following last year's drought.
 - o India Production is estimated at 8.0 million tons, up 0.3 million or 4 percent from last year's crop. Area is forecast unchanged, while yield is forecast to make a recovery. Peanut production and yield in 1989/90 were seriously impacted in Gujarat due to failure of the monsoon during the critical filling stage.
- * Sunflowerseed: World production for 1990/91 is forecast at a record 23.5 million tons, up 1.8 million or 8 percent from last year. While the U.S. is expected to show a production increase of 23 percent over last year, production is still well below the historical high. Foreign production is forecast to reach a record 22.5 million tons, increasing 8 percent above last year. Country highlights are as follows:
- o United States Production is estimated at 1.0 million tons, up 0.2 million or 23 percent from last year.

- o Argentina Production is estimated at 4.3 million tons, up 0.5 million tons or 13 percent from last year. Area is estimated to increase marginally by 0.1 million hectares or 3 percent.

- o China Production is estimated at 1.2 million tons, up 0.2 million or 22 percent from last year. Severe drought in northern China last year caused a drop in both area and yield. Production is forecast to increase in 1990 given the incentive of higher government prices and a return to average yields.

- o EC-12 Production is estimated at 4.3 million tons, up 0.8 million or 23 percent from last year. The forecast record crop reflects larger area planted in Spain and France due to weather problems which encouraged farmers to shift away from grains and into sunflowerseed.

- * Rapeseed: World production for 1990/91 is forecast at a record 23.5 million tons, up 1.8 million or 8 percent from last year. Output by the major producing countries of China, the European Community, and Canada is forecast to increase by 2.0 million tons. Declines are forecast for Eastern Europe, mainly Poland. Country highlights are as follows:
 - o Canada Production is estimated at 3.4 million tons, up 0.3 million or nearly 10 percent from last year. Despite lower area planted to rapeseed, favorable weather is pushing yield prospects above average.

 - o China Production is estimated at 6.4 million tons, up 1.0 million or 18 percent from last year. Farmers responded to higher prices by expanding area by over 300,000 hectares, and yields are estimated higher than last year due to mild weather during the growing season.

 - o EC-12 Production is estimated at 5.7 million tons, up 0.8 million or 16 percent above last year. Larger area prospects in West Germany and the UK are primarily responsible for the increase.

 - o Eastern Europe Production is estimated at 2.2 million tons, down 0.4 million or 16 percent from last year. Reduced area and estimates of lower than average yields, due to the lack of inputs, have dampened prospects for the 1990/91 crop.

- * **Flaxseed:** World production for 1990/91 is forecast at 2.3 million tons, up 0.4 million or 20 percent over last year. U.S. production is forecast to more than double over last year to 84,000 tons. Foreign production is forecast to climb by 18 percent, to 2.2 million tons, nearly all due to Canada. The record world crop of 3.0 million tons has not been seriously challenged since 1977/78. Country highlights are as follows:
 - o **Canada** Production is estimated at 0.9 million tons, up 0.3 million or 60 percent from last year. Higher prices and improved moisture conditions are responsible for the increased estimates in both area and yield.
- * **Copra:** World production for 1990/91 is forecast at 4.9 million tons, up 0.3 million tons or 6 percent over last year. Copra production has ranged between 4.3 - 4.8 million tons for many years, the record being 5.3 million in 1985/86.
- * **Palm Kernels:** World production for 1990/91 is forecast at a record 3.3 million tons, up 0.1 million tons or 3 percent from last year.
- * **Palm Oil:** World production for 1990/91 is forecast at a record 11.1 million tons, up 0.5 million tons or 5 percent from last year. The upward trend continues as new trees come into production.

COTTON: World cotton production for 1990/91 is projected at 86.6 million bales, 1.4 million bales lower than last month, but 9 percent more than 1989/90 and second only to the record 89 million bale crop harvested in 1984/85. Total foreign production is projected at 71.6 million bales, down 0.4 million bales from last month, but up 6 percent over 1989/90 and second only to the 1984/85 crop. Country highlights are as follows:

- o **United States** Production is estimated at 15.0 million bales, down 1.0 million bales or 6 percent from last month but up 2.8 million or 23 percent from last year. The reduction from last month resulted from the recent drought after planting in West Texas and flooding in the Delta states.
- o **China** Production is estimated at 21.0 million bales, up 3.6 million bales or 21 percent from last year's drought and flood affected crop. To encourage greater cotton production, the government announced a 27 percent increase in the cotton purchase price and other production incentives. Weather conditions for the 1990 crop have been mostly favorable and higher than average yields are predicted.

- o USSR Production is estimated at 11.5 million bales, down 0.7 million bales or 6 percent from last year. Area is estimated to be down as government policy pushes for more food and feed production.
- o Turkey Production is estimated at 2.9 million bales, up marginally from last year's crop. Yields are estimated to increase sharply due to plantings of higher-yielding varieties and favorable rains in May and June, which replenished soil moisture. Planted area is estimated below last year.
- o India Production is estimated at 9.4 million bales, down 0.6 million or 6 percent from last year's record crop. Cotton yields are forecast at more normal levels, compared to the record yields achieved last season. Cotton area is estimated up nearly 3 percent due to expectation of increased government support prices, along with farmers' satisfaction with cotton returns during 1989/90.
- o Pakistan Production is estimated at a record 6.9 million bales, up 0.2 million or 3 percent from last years crop. Strong demand and high cotton prices are expected to influence farmers to increase crop inputs. A fertilizer shortage at flowering stage precluded a record crop in 1989/90. For the current crop season, fertilizer availability is reported to be fully adequate.
- o Australia Production is estimated at a record 1.5 million bales, up 0.1 million or 11 percent from last year's drought and flood affected crop. Cotton area is expected to increase, owing to new irrigation leases being issued in New South Wales.
- o Brazil Production is forecast at 3.4 million bales, up 0.4 million bales or 12 percent from last year. The increase is based on improved yield prospects. Yields were below average in 1989/90, due to a combination of a lower use of inputs and dry weather.

- o Argentina Production is estimated at 1.3 million bales, up 0.1 million bales or 4 percent from last year. Area is forecast to expand 2 percent due to strong international prices despite the lack of domestic demand.

- o Mexico Production is forecast to increase to 1.0 million bales, up 0.2 million bales or 24 percent. Area is estimated up by 14 percent reflecting strong international prices and substitution of cotton for soybeans.

- o Egypt Production is forecast at 1.4 million bales, up 0.1 million or 7 percent from last year's low production. The increase is due to estimated higher yields as adequate irrigation water is expected to be available for the growing season.

TABLE 1

U.S. Crop Acreage, Yield, and Production 1/

COMMODITY	PLANTED AREA			HARVESTED AREA			YIELD			PRODUCTION			
	1988/89	Prel. 1989/90	Proj. 1990/91	1988/89	Prel. 1989/90	Proj. 1990/91	1988/89	Prel. 1989/90	1990/91 Proj. Jun. Jul.	1988/89	Prel. 1989/90	1990/91 Proj. Jun. Jul.	
All Wheat Winter Other Rye	---Million Acres---			---Million Acres---			---Bushels per Acre---			---Million Bushels---			
	65.5	76.6	77.3	53.2	62.1	70.0	34.1	32.8	38.6	1,812	2,036	2,689	2,698
	48.8	55.1	57.0	39.8	41.5	50.1	39.2	35.0	41.3	1,562	1,454	2,089	2,035
	16.7	21.5	20.3	13.4	20.6	19.9	18.7	28.3	33.3	250	582	600	663
	2.4	2.0	1.8	0.6	0.5	0.4	24.7	28.1		15	14	15	13
Soybeans	58.8	60.7	58.0	57.4	59.4	56.9	27.0	32.4		1,549	1,927	1,925	1,860
Corn	67.7	72.3	74.6	58.3	64.8	67.1	84.6	116.2		4,929	7,527	8,100	7,850
Sorghum	10.3	12.6	10.7	9.0	11.2	9.5	63.8	55.4		577	618	685	590
Barley	9.8	9.2	8.3	7.6	8.3	7.7	38.0	48.6	53.5	290	403	415	414
Oats	13.9	12.1	10.4	5.5	6.9	6.2	39.3	54.4	60.1	218	374	350	375
Rice							---Pounds per Acre---			---Million CWT.---			
	2.9	2.7	2.9	2.9	2.7	2.8	5,514	5,749		159.9	154.5	160.0	158.0
All Cotton										---Million 480-Pound---			
	12.5	10.6	12.4	12.0	9.5		619	614		15.4	12.2	16.0	15.0

1/ Estimates from USDA Agricultural Statistics Board for 1988/89, 1989/90, and for 1990/91 planted and harvested area. 1990/91 production and yield estimates for wheat, barley, and oats are also from USDA Agricultural Statistics Board. All other 1990/91 estimates are from USDA Interagency Commodity Estimates Committees.

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 2

World Crop Production Summary

Commodity	World	Total Foreign	North America		Europe		USSR	Asia				South America		Selected Other		All Other Countries				
			United States		Canada	Mexico		EC-12	Oth. W. Europe	Eastern Europe	China	India	Indonesia	Pakistan	Thailand		Argentina	Brazil	Australia	Turkey
			—Million Metric Tons—																	
Wheat 1988/89 1989/90 prel. 1990/91 proj. June July	500.8	451.5	49.3	16.0	3.2	74.7	3.9	44.8	84.4	84.4	85.4	46.2	0.0	12.7	0.0	8.4	5.8	14.1	3.5	15.0
	535.3	479.9	55.4	24.4	4.0	78.6	4.4	43.2	90.5	90.5	90.8	54.0	0.0	14.4	0.0	10.2	5.6	14.3	2.0	11.5
	568.2	495.0	73.2	26.5	3.6	80.8	4.5	43.0	95.0	95.0	93.0	54.0	0.0	14.6	0.0	11.5	5.1	14.5	2.4	13.5
	571.7	498.3	73.4	27.5	3.5	80.3	4.5	43.9	95.0	95.0	94.5	54.0	0.0	14.6	0.0	11.5	5.1	14.5	2.5	14.0
Coarse Grains 1988/89 1989/90 prel. 1990/91 proj. June July	730.4	580.7	149.7	19.7	13.8	88.1	11.4	61.3	97.5	97.5	94.2	31.7	5.2	2.4	4.4	7.3	26.7	6.7	13.0	10.0
	800.6	579.2	221.4	23.5	14.1	81.7	12.3	66.8	107.0	107.0	94.6	31.2	4.8	2.8	4.2	8.3	23.4	6.9	9.8	7.4
	820.5	582.9	237.7	23.8	15.0	79.6	11.8	67.4	106.5	106.5	96.4	31.8	5.0	2.7	4.3	9.5	24.9	6.5	9.3	8.0
	812.0	582.8	229.2	24.7	15.0	79.5	11.8	66.5	106.5	106.5	96.4	31.8	5.0	2.7	4.3	9.5	24.9	6.6	9.3	8.0
Rice (Milled) 1988/89 1989/90 1990/91 June July	330.2	325.0	5.2	0.0	0.3	1.3	0.0	0.2	1.9	1.9	118.4	70.7	27.5	3.2	13.9	0.3	7.5	0.6	0.0	0.2
	340.8	335.9	4.9	0.0	0.4	1.3	0.0	0.2	1.8	1.8	126.1	70.0	29.1	3.2	13.9	0.3	5.7	0.7	0.0	0.2
	340.1	335.0	5.1	0.0	0.3	1.5	0.0	0.2	1.8	1.8	126.0	70.0	28.8	3.5	13.9	0.3	6.7	0.6	0.0	0.2
	340.8	335.8	5.0	0.0	0.3	1.5	0.0	0.2	1.8	1.8	126.0	70.0	28.8	3.5	13.9	0.3	6.7	0.6	0.0	0.2
Total Grains 1/ 1988/89 1989/90 1990/91 June July	1,561.3	1,357.1	204.2	35.7	17.2	164.1	15.2	106.3	183.8	183.8	298.0	148.6	32.7	18.3	18.4	16.0	40.0	21.3	16.6	25.2
	1,676.7	1,394.9	281.8	47.8	18.5	161.6	16.6	110.2	199.3	199.3	311.5	155.2	33.9	20.4	18.1	18.7	34.7	21.9	11.8	19.1
	1,728.8	1,412.9	315.9	52.2	18.8	161.3	16.3	110.6	203.3	203.3	316.9	155.8	33.8	20.8	18.2	21.4	36.7	21.7	11.8	22.2
	1,724.5	1,416.9	307.6	52.2	18.8	161.3	16.3	110.6	203.3	203.3	316.9	155.8	33.8	20.8	18.2	21.4	36.7	21.7	11.8	22.2
Oilseeds 2/ 1988/89 1989/90 prel. 1990/91 proj. June July	203.0	152.7	50.3	5.9	1.0	11.5	0.6	5.1	12.7	12.7	30.6	19.0	2.0	3.2	0.8	10.6	24.6	0.8	0.9	2.3
	211.4	152.1	59.3	4.9	1.4	11.0	0.7	5.9	13.3	13.3	28.5	18.5	2.0	3.3	0.8	15.9	20.7	2.4	0.9	2.3
	222.0	222.0	0.0	5.5	1.0	12.7	0.8	5.4	13.4	13.4	33.0	18.6	2.1	3.4	0.9	16.7	22.0	0.9	1.0	2.3
	220.9	161.9	58.9	5.5	1.0	12.7	0.8	5.4	13.4	13.4	33.0	18.6	2.1	3.4	0.9	16.7	22.0	0.9	1.0	2.3
Cotton 1988/89 1989/90 prel. 1990/91 proj. June July	84.8	69.4	15.4	0.0	1.4	1.6	0.0	0.1	12.6	12.6	19.1	8.3	0.0	6.5	0.2	0.9	3.4	1.3	0.4	3.0
	79.5	67.3	12.2	0.0	0.8	1.5	0.0	0.1	12.2	12.2	17.4	10.0	0.0	6.7	0.2	1.2	3.0	1.4	0.3	2.8
	88.0	72.0	16.0	0.0	1.0	1.6	0.0	0.1	11.5	11.5	21.0	9.4	0.0	6.9	0.2	1.3	3.4	1.5	0.3	2.9
	86.6	71.6	15.0	0.0	1.0	1.6	0.0	0.1	11.5	11.5	21.0	9.4	0.0	6.9	0.2	1.3	3.4	1.5	0.3	2.9

1/ Includes total of wheat, coarse grains, and rice (milled) shown above. Estimates of Soviet total grain production, including wheat, coarse grains, rice (rough), minor grains and pulses are 195.1 million tons in 1988/89, 211.1 million in 1989/90, and 215.0 million forecast in 1990/91.

2/ Totals for major regions and countries include the six major oilseeds shown elsewhere in this report, while world and total foreign also include copra and palm kernels for all countries. Note: Entries of 0.0 indicate no reported or insignificant production.

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TABLE 3

Wheat Area, Yield, and Production World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel. 1988/89	Proj. 1989/90	Proj. 1990/91	Prel. 1988/89	1990/91 1989/90	Proj. June	Proj. July	Prel. 1988/89	1990/91 1989/90	Proj. June	Proj. July
	---Million Hectares---			---Metric Tons Per Hectare---				---Million Metric Tons---			
World	218.0	226.0	231.4	2.30	2.37		2.47	500.8	535.3	568.2	571.7
United States	21.5	25.2	28.3	2.29	2.20		2.59	49.3	55.4	73.2	73.4
Total Foreign	196.5	200.8	203.1	2.30	2.39	2.43	2.45	451.5	479.9	495.0	498.3
Maj. Foreign Exporters	42.1	44.5	45.5	2.69	2.86	2.92	2.94	113.1	127.4	133.3	133.8
Argentina	4.7	5.5	6.0	1.79	1.86	1.92	1.92	8.4	10.2	11.5	11.5
Australia	8.9	9.1	9.8	1.58	1.56	1.48	1.48	14.1	14.3	14.5	14.5
Canada	13.0	13.6	14.1	1.23	1.79	1.88	1.95	16.0	24.4	26.5	27.5
EC-12	15.5	16.3	15.6	4.82	4.83	5.15	5.15	74.7	78.6	80.8	80.3
Major Importers	95.9	97.1	97.9	2.39	2.47	2.51	2.53	229.3	239.6	245.5	247.9
Brazil	3.5	3.4	3.2	1.68	1.65	1.59	1.59	5.8	5.6	5.1	5.1
China	28.8	29.8	30.2	2.97	3.04	3.08	3.13	85.4	90.8	93.0	94.5
Eastern Europe	10.7	10.7	10.7	4.17	4.04	4.01	4.10	44.8	43.2	43.0	43.9
Egypt	0.6	0.6	0.7	4.76	5.05	5.38	5.38	2.8	3.2	3.5	3.5
Other N. Africa 1/	4.0	4.7	4.8	1.26	1.13	1.02	1.02	5.0	5.3	4.9	4.9
Japan	0.3	0.3	0.3	3.62	3.47	3.52	3.52	1.0	1.0	1.0	1.0
USSR	48.1	47.5	48.0	1.76	1.91	1.98	1.98	84.4	90.5	95.0	95.0
Other Foreign	58.5	59.3	59.7	1.86	1.90	1.94	1.95	109.1	112.8	116.1	116.6
India	23.1	24.1	23.7	2.00	2.24	2.28	2.28	46.2	54.0	54.0	54.0
Iran	6.3	6.3	6.3	1.08	1.08	1.08	1.08	6.8	6.8	6.8	6.8
Mexico	0.8	1.0	0.9	4.00	4.21	4.11	4.12	3.2	4.0	3.6	3.5
Non-EC W. Europe	0.8	0.8	0.9	5.01	5.17	5.02	5.02	3.9	4.4	4.5	4.5
Pakistan	7.3	7.7	7.8	1.73	1.87	1.87	1.87	12.7	14.4	14.6	14.6
South Africa	2.0	1.8	1.9	1.78	1.09	1.30	1.35	3.5	2.0	2.4	2.5
Turkey	8.8	8.7	8.8	1.71	1.32	1.54	1.60	15.0	11.5	13.5	14.0
Others	9.6	8.8	9.5	1.86	1.78	1.75	1.75	17.8	15.7	16.7	16.7

1/ Algeria, Libya, Morocco, and Tunisia.

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TABLE 4
Coarse Grains Area, Yield, and Production
World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel. 1988/89	Proj. 1989/90	Proj. 1990/91	Prel. 1988/89	1990/91 June	Proj. July		Prel. 1988/89	1990/91 June	Proj. July	
<i>TOTAL COARSE GRAINS</i>	---Million Hectares---			---Metric Tons Per Hectare---				---Million Metric Tons---			
World	325.0	322.6	325.5	2.25	2.48			730.4	800.6	820.5	812.0
United States	32.8	37.1	36.8	4.56	5.97			149.7	221.4	237.7	229.2
Total Foreign	292.2	285.5	288.6	1.99	2.03	2.02	2.02	580.7	579.2	582.9	582.8
Maj. Foreign Exporters	20.8	21.6	21.6	2.46	2.45	2.46	2.51	51.1	52.8	53.4	54.4
Argentina	2.9	3.1	3.3	2.49	2.65	2.85	2.85	7.3	8.3	9.5	9.5
Australia	4.4	4.0	4.2	1.52	1.75	1.53	1.55	6.7	6.9	6.5	6.6
Canada	7.1	8.5	8.1	2.76	2.77	2.89	3.03	19.7	23.5	23.8	24.7
South Africa	4.6	4.4	4.4	2.86	2.22	2.11	2.11	13.0	9.8	9.3	9.3
Thailand	1.8	1.6	1.5	2.50	2.71	2.89	2.89	4.4	4.2	4.3	4.3
Major Importers	106.3	103.6	103.3	2.57	2.74	2.73	2.72	273.6	283.2	281.7	280.7
Eastern Europe	18.2	18.1	18.3	3.37	3.69	3.65	3.63	61.3	66.8	67.4	66.5
EC-12	19.2	18.5	18.1	4.60	4.41	4.44	4.39	88.1	81.7	79.6	79.5
Other W. Europe	3.2	3.1	3.0	3.54	3.96	3.91	3.91	11.4	12.3	11.8	11.8
Mexico	7.5	7.5	7.9	1.85	1.88	1.90	1.89	13.8	14.1	15.0	15.0
USSR	57.8	55.9	55.5	1.69	1.91	1.92	1.92	97.5	107.0	106.5	106.5
Other Major Import. 2/	0.5	0.4	0.4	3.40	3.34	3.34	3.34	1.5	1.4	1.4	1.4
Other Foreign	165.1	160.4	163.7	1.55	1.52	1.52	1.51	256.0	243.2	247.8	247.7
Brazil	13.4	12.8	13.3	2.00	1.84	1.88	1.88	26.7	23.4	24.9	24.9
China	28.3	28.5	28.7	3.33	3.32	3.36	3.36	94.2	94.6	96.4	96.4
India	39.1	38.6	39.4	0.81	0.81	0.81	0.81	31.7	31.2	31.8	31.8
Indonesia	2.9	2.6	2.8	1.82	1.85	1.79	1.79	5.2	4.8	5.0	5.0
Nigeria	10.1	9.9	10.1	0.84	0.82	0.84	0.84	8.5	8.1	8.5	8.5
Philippines	3.8	3.6	3.7	1.21	1.21	1.18	1.18	4.5	4.4	4.3	4.3
Turkey	4.4	4.4	4.5	2.29	1.68	1.80	1.80	10.0	7.4	8.0	8.0
Others	63.3	60.0	61.4	1.19	1.15	1.13	1.12	75.1	69.2	68.9	68.8
<i>BARLEY</i>											
World	77.6	74.3	76.0	2.16	2.28			167.3	169.7	170.5	171.3
United States	3.1	3.4	3.1	2.04	2.61			6.3	8.8	9.0	9.0
Total Foreign	74.5	70.9	72.8	2.16	2.27	2.23	2.23	161.0	160.9	161.5	162.3
Australia	2.2	2.4	2.4	1.47	1.74	1.52	1.51	3.3	4.1	3.6	3.6
Canada	4.2	4.9	4.6	2.46	2.39	2.60	2.76	10.2	11.7	12.5	12.7
China	3.7	3.3	3.3	1.67	1.74	1.73	1.73	6.2	5.7	5.7	5.7
Eastern Europe	4.5	4.6	4.6	3.77	4.22	3.87	3.96	17.1	19.2	17.2	18.1
EC-12	12.2	11.7	11.6	4.14	3.93	4.00	3.93	50.3	46.1	46.0	45.7
Other W. Europe	1.7	1.5	1.5	3.30	3.82	3.68	3.68	5.7	5.8	5.6	5.6
Turkey	3.3	3.4	3.4	2.12	1.46	1.62	1.62	7.0	4.9	5.5	5.5
USSR	29.7	27.5	28.5	1.50	1.80	1.81	1.81	44.5	49.5	51.5	51.5
Others	12.9	11.7	12.9	1.29	1.19	1.10	1.08	16.7	13.9	13.9	13.9

FOOTNOTES AT END OF TABLE

CONTINUED

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 4 (Continued)
Coarse Grains Area, Yield, and Production
World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel. 1988/89	Proj. 1989/90	Proj. 1990/91	Prel. 1988/89	1989/90	1990/91 Proj. June	1990/91 Proj. July	Prel. 1988/89	1989/90	1990/91 Proj. June	1990/91 Proj. July
<u>CORN</u>	---Million Hectares---			---Metric Tons Per Hectare---				---Million Metric Tons---			
World	124.6	126.0	128.7	3.21	3.66			400.3	460.4	480.0	472.5
United States	23.6	26.2	27.2	5.31	7.29			125.2	191.2	205.7	199.4
Total Foreign	101.0	99.7	101.5	2.72	2.70	2.70	2.69	275.1	269.2	274.3	273.1
Maj. Foreign Exporters	7.1	6.7	6.9	3.05	2.72	2.77	2.77	21.6	18.2	19.1	19.1
Argentina	1.7	1.7	2.0	2.94	3.06	3.33	3.33	5.0	5.2	6.5	6.5
South Africa	3.8	3.6	3.6	3.28	2.50	2.36	2.36	12.4	9.0	8.5	8.5
Thailand	1.6	1.4	1.4	2.63	2.86	3.04	3.04	4.2	4.0	4.1	4.1
Major Importers	22.0	21.5	21.9	3.82	3.87	3.84	3.81	84.0	83.2	85.0	83.5
Eastern Europe	7.1	7.0	7.2	3.78	4.10	4.23	4.16	27.0	28.7	31.8	30.0
EC-12	4.1	3.9	3.6	7.00	6.89	6.83	6.76	28.5	26.5	24.3	24.6
Other W. Europe	0.2	0.2	0.2	8.55	7.68	8.35	8.35	1.9	1.7	1.8	1.8
Mexico	6.0	5.8	6.2	1.68	1.68	1.72	1.72	10.1	9.8	10.7	10.7
USSR	4.4	4.5	4.5	3.62	3.56	3.56	3.56	16.0	16.0	16.0	16.0
Other Maj. Import. 2/	0.1	0.1	0.1	4.20	4.17	4.14	4.14	0.4	0.5	0.5	0.5
Other Foreign	72.0	71.6	72.7	2.36	2.35	2.34	2.34	169.5	167.9	170.1	170.5
Brazil	12.9	12.2	12.7	2.02	1.84	1.89	1.89	26.1	22.5	24.0	24.0
Canada	1.0	1.0	1.0	5.47	6.56	6.00	6.25	5.4	6.4	6.0	6.5
China	19.7	20.4	20.5	3.93	3.88	3.90	3.90	77.4	78.9	80.0	80.0
Egypt	0.8	0.8	0.9	5.20	5.37	5.41	5.41	4.3	4.5	4.6	4.6
India	5.9	6.0	6.0	1.40	1.33	1.33	1.33	8.3	8.0	8.0	8.0
Indonesia	2.9	2.6	2.8	1.82	1.85	1.79	1.79	5.2	4.8	5.0	5.0
Philippines	3.8	3.6	3.7	1.21	1.21	1.18	1.18	4.5	4.4	4.3	4.3
Zimbabwe	1.2	1.2	1.2	1.56	1.78	1.70	1.70	1.9	2.2	2.1	2.1
Others	23.8	23.7	24.0	1.53	1.52	1.51	1.50	36.5	36.1	36.1	36.0
<u>SORGHUM</u>											
World	42.6	42.9	42.4	1.30	1.30			55.4	55.8	58.0	55.7
United States	3.7	4.5	3.8	4.00	3.48			14.6	15.7	17.4	15.0
Total Foreign	39.0	38.4	38.6	1.05	1.05	1.05	1.06	40.8	40.1	40.6	40.8
Argentina	0.6	0.7	0.7	2.33	2.86	3.00	3.00	1.4	2.0	2.1	2.1
Australia	0.7	0.4	0.6	1.65	2.47	1.80	1.94	1.2	0.9	1.1	1.2
China	1.8	1.8	1.8	3.14	2.94	3.02	3.02	5.6	5.4	5.5	5.5
India	14.8	15.5	15.3	0.71	0.74	0.75	0.75	10.5	11.5	11.5	11.5
Mexico	1.1	1.3	1.3	2.83	2.88	2.88	2.85	3.1	3.8	3.8	3.7
Nigeria	4.4	4.4	4.4	0.80	0.80	0.80	0.80	3.5	3.5	3.5	3.5
South Africa	0.3	0.3	0.3	1.58	1.65	1.65	1.65	0.4	0.5	0.5	0.5
Sudan	5.3	4.1	4.4	0.83	0.61	0.64	0.64	4.4	2.5	2.8	2.8
Thailand	0.2	0.2	0.1	1.35	1.33	1.43	1.43	0.2	0.2	0.2	0.2
Others	9.8	9.7	9.6	1.07	1.02	1.01	1.01	10.4	9.9	9.7	9.7

FOOTNOTES AT END OF TABLE

CONTINUED

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 4 (Continued)
Coarse Grains Area, Yield, and Production
World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel. 1988/89	Proj. 1989/90	Proj. 1990/91	Prel. 1988/89	1990/91 Proj. 1989/90 June	1990/91 Proj. June	1990/91 Proj. July	Prel. 1988/89	1990/91 Proj. 1989/90 June	1990/91 Proj. June	1990/91 Proj. July
<u>OATS</u>	---Million Hectares---			---Metric Tons Per Hectare---				---Million Metric Tons---			
World	22.1	22.6	21.3	1.70	1.84			37.6	41.5	39.4	39.8
United States	2.2	2.8	2.5	1.41	1.95			3.2	5.4	5.1	5.4
Total Foreign	19.9	19.8	18.8	1.73	1.83	1.82	1.83	34.4	36.1	34.3	34.4
USSR	10.9	10.6	10.0	1.40	1.56	1.50	1.50	15.3	16.5	15.0	15.0
Maj. Foreign Exporters	3.5	3.7	3.5	1.94	1.97	2.00	2.03	6.8	7.3	7.1	7.2
Argentina	0.4	0.4	0.5	1.27	1.44	1.33	1.33	0.5	0.6	0.6	0.6
Australia	1.3	1.1	1.1	1.49	1.49	1.36	1.36	2.0	1.7	1.5	1.5
Canada	1.4	1.8	1.6	2.18	2.03	2.19	2.25	3.0	3.5	3.5	3.6
Sweden	0.4	0.4	0.4	3.14	3.56	3.86	3.86	1.3	1.5	1.5	1.5
Other Foreign	5.4	5.5	5.3	2.28	2.26	2.31	2.31	12.4	12.3	12.2	12.2
China	0.6	0.6	0.6	1.19	1.15	1.21	1.21	0.7	0.6	0.7	0.7
Eastern Europe	1.4	1.4	1.4	2.62	2.70	2.68	2.68	3.7	3.7	3.7	3.7
East Germany	0.1	0.1	0.2	3.43	3.33	3.87	3.87	0.5	0.5	0.6	0.6
Poland	0.9	0.8	0.8	2.61	2.74	2.60	2.60	2.2	2.2	2.1	2.1
EC-12	1.8	1.7	1.6	3.10	2.77	3.09	3.08	5.5	4.7	5.0	4.9
France	0.3	0.3	0.2	3.77	3.78	3.80	3.80	1.0	1.0	0.9	0.9
West Germany	0.6	0.5	0.5	4.23	3.78	4.38	4.38	2.4	1.9	2.1	2.1
Finland	0.4	0.4	0.4	2.21	3.24	2.90	2.90	0.9	1.4	1.2	1.2
Norway	0.1	0.1	0.1	3.09	3.53	3.32	3.32	0.4	0.4	0.4	0.4
Others	1.2	1.3	1.2	1.09	1.09	1.09	1.09	1.3	1.4	1.4	1.4
<u>RYE</u>											
World	15.9	16.7	16.1	2.08	2.32			33.0	38.8	38.0	38.0
United States	0.2	0.2	0.2	1.55	1.76			0.4	0.3	0.4	0.3
Total Foreign	15.6	16.6	15.9	2.09	2.32	2.37	2.36	32.6	38.5	37.6	37.6
USSR	10.1	10.6	10.0	1.83	2.03	2.10	2.10	18.5	21.5	21.0	21.0
Maj. Foreign Exporter											
Canada	0.3	0.5	0.5	1.04	1.72	1.74	1.67	0.3	0.8	0.8	0.9
Other Foreign											
Eastern Europe	3.9	3.9	3.9	2.59	2.96	2.92	2.92	10.0	11.6	11.4	11.4
East Germany	0.6	0.6	0.6	2.94	3.34	3.77	3.77	1.8	2.1	2.3	2.3
Poland	2.9	2.9	2.9	2.52	2.94	2.80	2.80	7.2	8.6	8.2	8.2
Czechoslovakia	0.2	0.2	0.2	3.42	3.42	3.42	3.42	0.5	0.5	0.5	0.5
EC-12	0.9	1.0	1.0	3.05	3.31	3.20	3.19	2.9	3.2	3.2	3.2
Denmark	0.1	0.1	0.1	4.52	4.80	4.35	4.35	0.4	0.5	0.5	0.5
West Germany	0.4	0.4	0.4	4.19	4.69	4.47	4.47	1.6	1.8	1.9	1.9
Others	0.5	0.6	0.5	2.06	2.28	2.26	2.26	1.0	1.3	1.2	1.2

1/ Total of barley, corn, sorghum, oats, and rye shown below plus millet and mixed grain.

2/ Japan, Republic of Korea, and Taiwan.

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 5

Rice Area, Yield, and Production World and Selected Countries and Regions

COUNTRY/REGION	AREA		YIELD			PRODUCTION (Rough Basis)			MILLING RATE			PRODUCTION (Milled Basis)				
	1988/89	1989/90	Proj. 1990/91	1988/8	1989/9	1990/91 Proj. June	1990/91 Proj. July	1988/89	1989/90	1990/91 Proj. June	1990/91 Proj. July	1988/89	1989/90	1990/91 Proj. June	1990/91 Proj. July	
	—Million Hectares—		—Metric Tons Per Hectare—			—Million Metric Tons—			—In Percent—			—Million Metric Tons—				
World	145.3	146.2		3.4	3.5	487.6	504.8	503.6	504.8	67.7	67.5	67.5	67.5	330.2	340.8	340.8
United States	1.2	1.1		6.2	6.4	7.3	7.0	7.3	7.2	72.1	70.0	70.0	70.0	5.2	4.9	5.0
Total Foreign	144.1	145.1	144.6	3.3	3.4	3.5	3.4	480.4	497.8	496.3	67.6	67.5	67.5	325.0	335.9	335.8
Maj. Foreign Exporters	16.5	17.0	17.0	2.3	2.3	2.3	2.3	38.4	39.3	39.8	64.1	64.0	64.0	24.6	25.2	25.5
Burma	4.5	4.7	4.9	2.8	2.9	2.8	2.8	12.5	13.5	13.5	60.0	60.0	60.0	7.5	8.1	8.1
Pakistan	2.0	2.1	2.1	2.4	2.3	2.5	2.5	4.8	4.8	5.3	66.7	66.7	66.7	3.2	3.2	3.5
Thailand	9.9	10.2	10.0	2.1	2.1	2.1	2.1	21.1	21.0	21.0	66.0	66.0	66.0	13.9	13.9	13.9
Major Importers	13.0	13.7	13.2	4.3	4.3	4.4	4.4	55.8	58.2	57.5	66.2	66.1	66.1	37.0	38.5	38.0
EC-12	0.3	0.3	0.4	5.6	5.9	6.0	6.0	2.0	2.0	2.2	67.3	67.0	67.3	1.3	1.3	1.5
Indonesia	9.8	10.4	10.0	4.3	4.3	4.5	4.5	42.3	44.8	44.3	65.0	65.0	65.0	27.5	29.1	28.8
Nigeria	0.6	0.6	0.7	1.3	1.4	1.5	1.5	0.8	0.9	1.0	66.5	66.5	66.5	0.6	0.6	0.6
Republic of Korea	1.3	1.3	1.2	6.6	6.5	6.4	6.4	8.4	8.2	7.6	72.3	72.0	72.0	6.1	5.9	5.5
Other Maj. Import. 1/	1.0	1.0	1.0	2.3	2.3	2.4	2.4	2.3	2.4	2.4	65.4	65.4	65.5	1.5	1.6	1.5
Other Foreign	114.6	114.5	114.4	3.4	3.5	3.5	3.5	386.1	400.2	400.4	68.2	68.0	68.0	263.4	272.2	272.3
Australia	0.1	0.1	0.1	7.9	8.2	8.0	8.0	0.8	0.9	0.8	71.5	71.5	71.5	0.6	0.7	0.6
Bangladesh	10.2	10.7	10.6	2.3	2.5	2.4	2.4	23.3	26.6	25.5	66.7	66.7	66.7	15.6	17.7	17.0
Brazil	5.3	4.4	4.8	2.1	1.9	2.0	2.0	11.0	8.4	9.8	68.0	68.0	68.0	7.5	5.7	6.7
China	31.9	32.7	32.3	5.3	5.5	5.6	5.6	169.1	180.1	180.0	70.0	70.0	70.0	118.4	126.1	126.0
India	41.9	41.5	41.5	2.5	2.5	2.5	2.5	106.0	105.0	105.0	66.7	66.7	66.7	70.7	70.0	70.0
Japan	2.1	2.1	2.1	5.8	6.2	6.2	6.2	12.4	12.9	12.9	72.8	72.8	72.8	9.0	9.4	9.4
Philippines	3.5	3.4	3.5	2.6	2.6	2.7	2.7	9.2	8.9	9.6	65.0	65.0	65.0	6.0	5.8	6.2
USSR	0.7	0.7	0.7	4.3	4.2	4.2	4.2	2.9	2.7	2.7	65.0	65.0	65.0	1.9	1.8	1.8
Vietnam	5.8	5.9	5.9	2.9	3.1	3.0	3.0	16.8	18.0	17.5	65.0	65.0	65.0	10.9	11.7	11.4
Others	13.1	12.9	13.0	2.6	2.8	2.8	2.8	34.6	36.7	36.5	66.2	63.8	63.8	22.9	23.4	23.3

1/ Hong Kong, Iran, Iraq, Ivory Coast, and Saudi Arabia.

JULY 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 6
Oilseeds Area, Yield, and Production
World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel.		Proj.	Prel.		1990/91 Proj.		Prel.		1990/91 Proj.	
	1988/89	1989/90	1990/91	1988/89	1989/90	June	July	1988/89	1989/90	June	July
	---Million Hectares---			---Metric Tons Per Hectare---				---Million Metric Tons---			
<u>SOYBEANS</u>											
World	55.78	57.67		1.71	1.84			95.42	106.06		107.39
United States	23.22	24.03		1.82	2.18			42.15	52.44		50.62
Total Foreign	32.57	33.64	33.88	1.64	1.59		1.68	53.27	53.62		56.77
Maj. Foreign Exporters	16.17	16.38	16.60	1.83	1.84		1.90	29.60	30.10		31.50
Argentina	4.00	5.00	5.30	1.60	2.16		2.08	6.40	10.80		11.00
Brazil	12.17	11.38	11.30	1.91	1.70		1.81	23.20	19.30		20.50
Other Foreign	16.40	17.25	17.28	1.44	1.36		1.46	23.67	23.52		25.27
Canada	0.53	0.54	0.52	2.16	2.26		2.31	1.15	1.22		1.20
China	8.12	8.06	8.03	1.43	1.27		1.47	11.65	10.23		11.80
Eastern Europe	0.56	0.54	0.55	1.20	1.50		1.42	0.67	0.82		0.78
EC-12	0.53	0.61	0.63	3.10	3.22		3.20	1.66	1.96		2.00
India	1.66	1.90	2.00	0.91	0.89		0.90	1.50	1.70		1.80
Indonesia	1.18	1.15	1.25	1.02	0.96		0.96	1.20	1.10		1.20
Paraguay	0.85	0.98	0.90	1.90	1.38		1.78	1.62	1.35		1.60
USSR	0.76	0.83	0.87	1.16	1.11		1.10	0.88	0.92		0.95
Others	2.21	2.64	2.55	1.52	1.60		1.55	3.35	4.23		3.94
<u>COTTONSEED</u>											
World	33.69	32.79		0.96	0.93			32.32	30.49		33.19
United States	4.84	3.86		1.14	1.10			5.50	4.24		5.26
Total Foreign	28.86	28.93	29.25	0.93	0.91		0.95	26.83	26.25		27.93
China	5.53	5.20	5.50	1.27	1.24		1.41	7.05	6.44		7.75
India	7.30	7.60	7.80	0.49	0.57		0.53	3.56	4.36		4.10
Pakistan	2.51	2.60	2.64	1.14	1.12		1.14	2.85	2.91		3.01
USSR	3.43	3.33	3.25	1.46	1.41		1.42	5.00	4.70		4.60
Others	10.09	10.20	10.06	0.83	0.77		0.84	8.36	7.84		8.47
<u>PEANUTS</u>											
World	19.80	19.55		1.18	1.12			23.37	21.80		22.82
United States	0.66	0.67		2.74	2.72			1.81	1.81		1.97
Total Foreign	19.14	18.88	19.02	1.13	1.06		1.10	21.56	19.99		20.85
Argentina	0.15	0.18	0.19	1.62	2.06		2.32	0.24	0.37		0.43
China	2.91	2.95	3.05	1.95	1.82		1.90	5.69	5.36		5.80
India	8.43	8.40	8.40	1.07	0.92		0.95	9.00	7.70		8.00
Senegal	0.90	0.79	0.77	0.76	0.93		0.94	0.69	0.74		0.72
South Africa	0.19	0.19	0.19	1.24	1.24		1.26	0.23	0.23		0.24
Sudan	0.58	0.55	0.55	0.78	0.73		0.73	0.45	0.40		0.40
Others	5.98	5.83	5.87	0.88	0.89		0.89	5.26	5.19		5.26

CONTINUED

TABLE 6 (Continued)
Oilseeds Area, Yield, and Production
World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel.		Proj.	Prel.		1990/91 Proj.		Prel.		1990/91 Proj.	
	1988/89	1989/90	1990/91	1988/89	1989/90	June	July	1988/89	1989/90	June	July
<u>SUNFLOWERSEED</u>	---Million Hectares---			---Metric Tons Per Hectare---				---Million Metric Tons---			
World	15.08	15.75		1.36	1.37			20.44	21.66		23.49
United States	0.78	0.74		1.05	1.10			0.81	0.81		1.00
Total Foreign	14.30	15.01	15.84	1.37	1.39		1.42	19.62	20.85		22.49
Argentina	2.30	2.90	3.00	1.39	1.31		1.43	3.20	3.80		4.30
China	0.83	0.73	0.83	1.42	1.34		1.45	1.18	0.98		1.20
EC-12	2.13	2.00	2.43	1.88	1.75		1.77	3.99	3.49		4.31
East Europe	1.31	1.32	1.31	1.62	1.80		1.80	2.13	2.37		2.35
USSR	4.28	4.41	4.55	1.44	1.59		1.54	6.16	7.00		7.00
Others	3.46	3.66	3.73	0.86	0.88		0.89	2.97	3.21		3.33
<u>RAPESEED</u>											
World	17.89	16.91	17.26	1.26	1.28		1.36	22.53	21.66		23.47
Total Foreign	17.89	16.91	17.26	1.26	1.28		1.36	22.53	21.66		23.47
Canada	3.67	2.91	2.55	1.17	1.05		1.31	4.31	3.06		3.35
China	4.94	4.99	5.30	1.02	1.09		1.21	5.04	5.44		6.40
EC-12	1.84	1.64	1.87	2.81	3.00		3.06	5.17	4.92		5.71
East Europe	0.88	1.00	0.94	2.51	2.65		2.36	2.20	2.65		2.22
India	4.87	4.70	4.70	0.86	0.81		0.81	4.20	3.80		3.80
Others	1.70	1.67	1.90	0.94	1.08		1.04	1.61	1.80		1.99
<u>FLAXSEED</u>											
World	3.68	3.84		0.45	0.50			1.66	1.92		2.32
United States	0.09	0.07		0.45	0.47			0.04	0.03		0.08
Total Foreign	3.59	3.77	3.90	0.45	0.50		0.57	1.62	1.89		2.23
Argentina	0.54	0.60	0.60	0.86	0.86		0.88	0.46	0.52		0.53
Canada	0.50	0.64	0.76	0.74	0.83		1.12	0.37	0.53		0.85
India	1.18	1.20	1.20	0.30	0.33		0.33	0.35	0.40		0.40
USSR	1.04	0.97	0.97	0.21	0.21		0.21	0.22	0.20		0.20
Others	0.33	0.36	0.37	0.66	0.66		0.67	0.22	0.24		0.25
<u>MAJOR OILSEEDS</u>	145.93	146.51		1.34	1.39			195.74	203.59		212.67
United States	29.58	29.37		1.70	2.02			50.31	59.34	61.0	58.94
Total Foreign	116.35	117.14	119.16	1.25	1.23		1.29	145.43	144.25	161.0	153.73
<u>COPRA</u>	--	--	--	--	--	--	--	4.31	4.57		4.86
<u>PALM KERNEL</u>	--	--	--	--	--	--	--	2.91	3.24		3.32
<u>TOTAL OILSEEDS</u>	--	--	--	--	--	--	--	202.97	211.40	222.00	220.86
<u>PALM OIL 1/</u>	--	--	--	--	--	--	--	9.47	10.63		11.11

1/ Not included in total oilseeds.

TABLE 7

Cotton Area, Yield, and Production World and Selected Countries and Regions

COUNTRY/REGION	AREA			YIELD				PRODUCTION			
	Prel. 1988/89	Proj. 1989/90	Proj. 1990/91	Prel. 1988/89	1990/91 1989/90	Proj. Jun	Proj. July	Prel. 1988/89	1990/91 1989/90	Proj. Jun	Proj. July
	---Million Hectares---			---Kilograms Per Hectare---				---Million 480-Pound Bales---			
World	34.1	32.6		541	532			84.8	79.5	88.0	86.6
United States	4.8	3.9		694	688			15.4	12.2	16.0	15.0
Total Foreign	29.3	28.7	29.2	515	511	531	533	69.4	67.3	72.0	71.6
Maj. Foreign Exporters	13.6	13.1	13.3	743	724		773	46.5	43.5		47.1
Australia	0.2	0.2	0.3	1,538	1,204		1,306	1.3	1.4		1.5
Central America 1/	0.1	0.1	0.1	866	846		807	0.4	0.3		0.4
China	5.5	5.2	5.5	751	728		831	19.1	17.4		21.0
Egypt	0.4	0.4	0.4	718	674		717	1.4	1.3		1.4
Mexico	0.3	0.2	0.2	1,209	891		967	1.4	0.8		1.0
Pakistan	2.5	2.6	2.6	568	560		569	6.5	6.7		6.9
Sudan	0.3	0.3	0.3	437	473		442	0.7	0.6		0.7
Turkey	0.7	0.7	0.7	882	851		913	3.0	2.8		2.9
USSR	3.5	3.3	3.2	779	799		795	12.6	12.2		11.5
Major Importers 2/	0.4	0.4	0.4	815	842		855	1.6	1.5		1.7
Other Foreign	15.3	15.2	15.5	304	319		320	21.3	22.3		22.8
Argentina	0.5	0.6	0.6	389	462		473	0.9	1.2		1.3
Brazil	2.4	2.2	2.0	311	300		370	3.4	3.0		3.4
India	7.3	7.6	7.8	247	286		262	8.3	10.0		9.4
Syria	0.2	0.2	0.2	667	874		871	0.5	0.6		0.6
Others	4.9	4.7	5.0	363	343		354	8.2	7.4		8.1

1/ Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

2/ Western Europe, Eastern Europe, Japan, Hong Kong, Republic of Korea, and Taiwan.

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 8

The table below presents a 9-year record of the difference between the July projections and the final estimates. Using world wheat production as an example, changes between the July projection and the final estimate have averaged 15.0 million tons (3.0 percent) and ranged from -34.6 to 15.4 million tons. The July projection has been below the final 5 times and above the final 4 times.

RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 1989/90 1/					
	Difference		Lowest	Highest	Below	Above
	Average	Average	Difference		Final	Final
	Percent	---Million Metric Tons---			Number of Years 2/	
WHEAT						
World	3.0	15.0	-34.6	15.4	5	4
U.S.	2.1	1.3	-2.6	2.2	3	6
Foreign	3.5	14.9	-32.0	16.1	5	4
COARSE GRAINS 3/						
World	2.4	18.5	-22.2	53.6	5	4
U.S.	9.0	17.0	-29.4	57.7	4	5
Foreign	1.8	10.2	-16.0	24.2	3	6
RICE (Milled)						
World	2.9	9.2	-24.0	13.0	6	3
U.S.	4.5	0.2	-0.5	0.3	4	3
Foreign	3.0	9.2	-24.3	12.7	6	3
SOYBEANS						
World	3.6	3.4	-3.6	7.5	3	6
U.S.	6.1	3.0	-5.4	9.7	4	5
Foreign	5.5	2.2	-3.0	3.2	4	5
			---Million 480-lb. Bales---			
COTTON						
World	4.3	3.4	-13.3	5.7	6	3
U.S.	9.8	1.3	-2.8	1.0	7	2
Foreign	3.8	2.6	-12.1	4.7	4	4
UNITED STATES			-----Million Bushels-----			
CORN	11.2	655	1,085	2,034	6	3
SORGHUM	13.3	101	-213	171	7	2
BARLEY	5.7	30	-43	52	2	6
OATS	10.4	41	-37	144	3	6

1/ The final estimate for 1981/82-1988/89 is defined as the first November estimate following the marketing year and for 1989/90 last month's estimate.

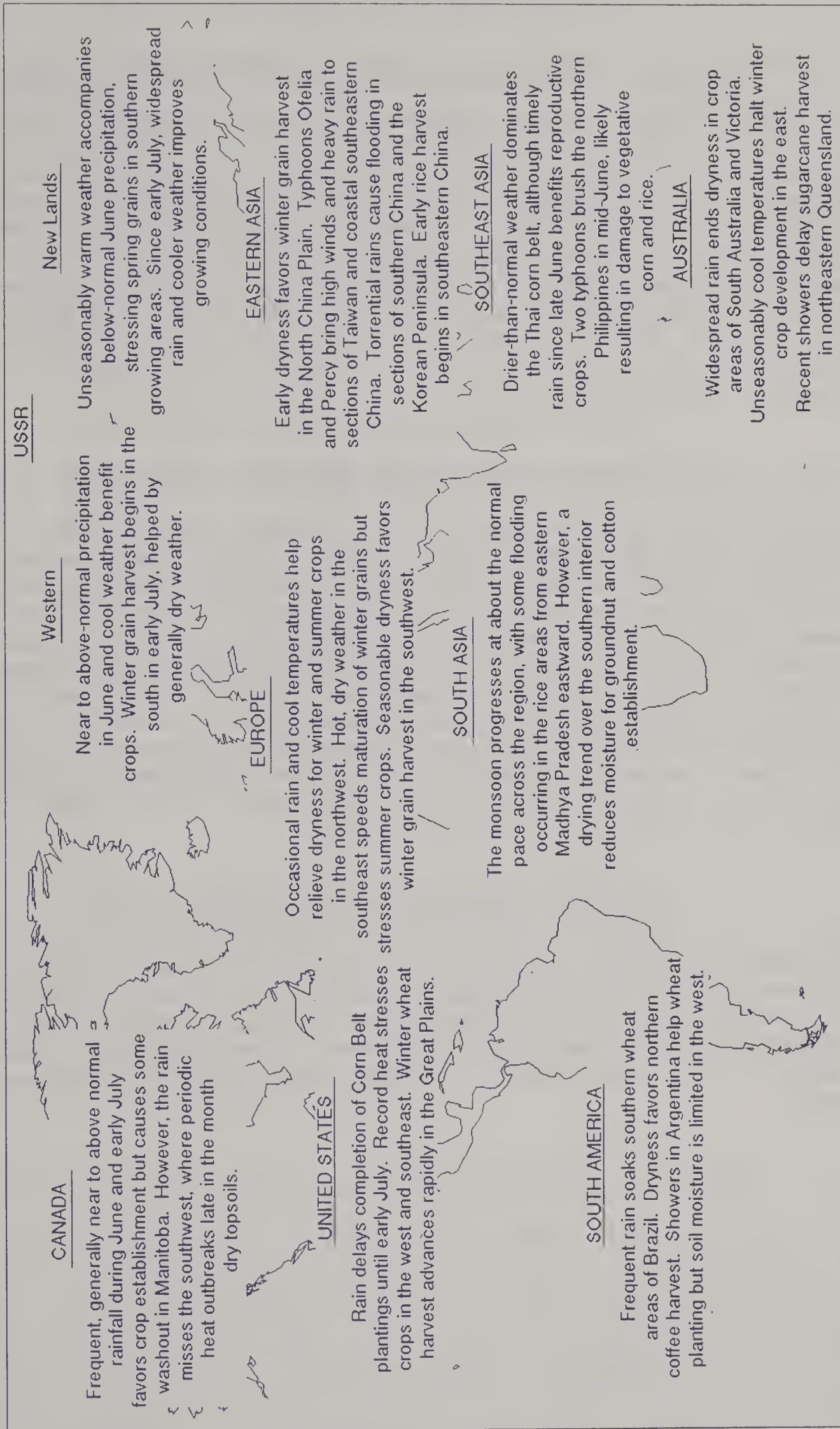
2/ May not total nine if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

JULY 12, 1990

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY



(More details are available in the Weekly Weather and Crop Bulletin. Subscription information may be obtained by calling (202) 447-7917.)

WEATHER BRIEFS

CANADA: PRECIPITATION CONTINUES IN PRAIRIE PROVINCES

Unseasonably moderate to heavy precipitation continued during mid-June into early July over much of the Prairie Provinces. Like last month, precipitation was heaviest in the northern spring wheat areas of Alberta and Saskatchewan, and southeast Saskatchewan and southwest Manitoba. This precipitation is benefiting spring grains which are mostly heading as of July 12, 1990. Continued heavy rain in Manitoba through June 23 prevented replanting of rapeseed. Mostly dry weather June 24-30 helped fields dry out, but the normal planting window for rapeseed ends June 15 in Manitoba. Persistently dry weather continued in southern Alberta and southwest Saskatchewan during mid-June to July 12. Crops were stressed by dry conditions and generally above normal temperatures.

MEXICO: EAST COAST WET, NORTHWEST HOT AND DRY

Precipitation for southern and eastern Mexico has been well above normal for the period of June 13 through July 12, 1990. This pattern has continued since early spring. Summer crops have benefited from this precipitation and crop conditions are generally much better than normal. Precipitation since June 17 increased to above normal levels on the west coast improving summer crop conditions. Even the dry west coast vegetable region received heavy rains from June 24 through July 7. This rain was related to a series of tropical storms that flirted with Mexico before moving west into the Pacific. In contrast, very hot and dry conditions continued during much of this period in the northwest. Reservoir levels are well below normal due to a multi-year drought. Showers in that area brought some relief from the heat and improved reservoir levels during June 24 through July 7.

THAILAND: PRECIPITATION MOSTLY BELOW NORMAL

Precipitation has been below normal this season over much of Thailand's northern and central corn and eastern rice growing regions. Precipitation during June 24 through July 7, 1990, was timely and beneficial for corn in the reproductive stage, but much more is needed to sustain normal crop development. Temperatures have been seasonably warm, depleting soil moisture reserves.

PRODUCTION BRIEFS

CHILE: WHEAT PRODUCTION DECLINE EXPECTED

The Minister of Agriculture recently announced higher wheat prices for Chile's 1990/91 crop, according to the U.S. agricultural attache in Santiago. The announced price is Ch\$49.00 per ton, up from Ch\$48.00 per ton in 1989/90. This marginal increase has displeased farmers who are calling for a national boycott from planting wheat; they had expected a higher price. Prices are normally set shortly before harvest, but this year they were announced before planting had begun. This has enabled farmers to decide whether alternative crops would be more profitable. Wheat producer organizations suggest planting alternative crops to show their displeasure with the government. Because of the boycott, the 1990/91 wheat crop is expected to decrease by about 10 percent from 1989/90.

CHINA: COTTON PRODUCTION FORECAST UP SHARPLY

Following two poor cotton harvests, the Chinese government is making a strong effort to expand production in 1990. The Government has set a production goal of about 20.5 million bales, compared to last year's production of 17.4 million bales. To achieve this goal the government has raised cotton prices by 27 percent and has taken steps to ensure cheap and adequate supplies of agricultural inputs. It is also promoting scientific research and technological support for cotton producers, irrigation projects, and the development of new agricultural land. Local governments have also offered incentives, such as subsidized inputs, to assist cotton producers. These incentives have encouraged farmers to expand cotton area substantially from a year ago. So far this year, weather conditions during planting and early crop development have been favorable in the most important production areas and higher than average yields are predicted for the 1990 crop.

CHINA: WALNUT PRODUCTION EXCEEDS FORECAST

China's walnut production during the 1989/90 season was larger than originally forecast, according to the U.S. agricultural counselor in Beijing. The 1989/90 crop has been revised to 160,050 tons (inshell basis), 6 percent above the November 1989 forecast of 151,000 tons, due to better than expected harvests in Yunnan and Sichuan provinces. Favorable growing conditions and an increase in bearing tree numbers are expected to boost production during the 1990/91 season to a record 196,000 tons.

DOMINICAN REPUBLIC: POULTRY AND EGG PRODUCTION INCREASING

After expanding 25 and 16 percent respectively in 1989, the Dominican Republic's output of poultry meat and eggs is forecast to increase sharply again in 1990. Satisfactory profits for producers and strong demand due to growing incomes are said to be stimulating the rapid growth. Poultry meat output in 1990 is forecast at 131,000 tons, compared to 104,000 tons in 1989 and 84,000 tons in 1988. Output of eggs in 1990 is forecast at 796 million eggs, up from 751 million in 1989 and 647 million in 1988. Poultry meat and eggs are the least expensive animal proteins available to Dominican Republic consumers with the result that any demand increase focuses on these two products.

EGYPT: COTTON CROP EXPECTED TO RISE

Egypt's cotton production is expected to recover slightly from last year's low harvest. Cotton area is regulated by the Ministry of Agriculture and Land Reclamation (MALR) and has remained fairly stable over the last several years. However, production has been steadily decreasing as yields experienced yearly declines. Yields in 1989/90 were especially low due to irrigation water delivery problems and poor availability of inputs. The MALR has reportedly taken steps to ensure the availability of irrigation water for the 1990/91 crop and has announced intentions to pay a bonus to producers who attain favorable yields. As a consequence, 1990 yields are expected to increase 6 percent from 1989, yet remain lower than in earlier years.

FEDERAL REPUBLIC OF GERMANY: BUMPER CHERRY CROP FORECAST

A preliminary assessment by the U.S. agricultural counselor in Bonn indicates there will be ample production of sweet and sour cherries during the 1990 season. Crop estimates are as follows in metric tons.

<u>Sweet Cherries</u>	<u>1989</u>	<u>1990 1/</u>	<u>% Change</u>
Commercial Production	21,516	22,600	5.0
Non-Commercial Production	100,807	103,400	2.6
Total	122,323	126,000	3.0
 <u>Sour Cherries</u>			
Commercial Production	29,177	33,000	13.1
Non-Commercial Production	54,313	60,000	10.5
Total	83,490	93,000	11.4
 TOTAL CHERRIES	 205,813	 219,000	 6.0

1/ Forecast

FEDERAL REPUBLIC OF GERMANY: FORESTRY SECTOR FARES WELL DESPITE STORM DAMAGE

The German forestry sector appears to faring well despite extensive losses caused by severe storms earlier this year. The economic impact of the storm damage has been tempered by several concurrent events: a boom in new construction and renovation projects in West Germany; an increase in demand for wood products in East Germany; and government support programs for timber owners.

The Ministry of Agriculture has significantly reduced Germany's targeted annual cut of certain species for the period April 25, 1990, through September 1991. Based on average fellings during the past 4 years, cutting programs have been pared 40 percent for spruce, 50 percent for pine and 80 percent for beech and oak. Wood cut before the storms will be charged to the reduced 1990 quota. The amount in excess of the quota will be charged against the 1991 quota.

The Federal Government, in cooperation with the States, has implemented a sizable financial assistance program, primarily for private forest owners. Financial assistance will be provided for the storage, transport and processing of storm-felled wood. Forest protection measures, a multi-year reforestation program, and a tax relief plan to compensate owners for financial losses are also being instituted.

GREECE: SUGAR OUTTURN REVISED UPWARD

Centrifugal sugar production in Greece for the 1990/91 season has been revised upward to 340,000 tons (raw basis), 90,000 tons more than earlier forecast, according to the U.S. agricultural counselor in Athens. The Hellenic Sugar Industry (HIS) stated that although smaller planted area had been predicted for this year due to farmers' discouragement by the dry winter weather, farmers eventually signed contracts for 44,000 hectares, down less than 5,000 hectares from the previous year. The HIS said the crop is developing satisfactorily with no problems related to a lack irrigation water yet and none expected for the rest of the growing season.

INDIA: FORESTRY SITUATION

India's forestry resources are rapidly being depleted. Wood is the country's most important source of energy, particularly in rural areas, where fuelwood satisfies more than two-thirds of the energy requirement. The forestry sector's strong demand for raw material to produce packaging materials, paper and pulp, agricultural implements, construction materials, furniture, and other miscellaneous wood products puts a further drain on India's timber reserves.

Current assessments indicate that only about 11 percent--or approximately 35.5 million hectares--of India's total land area of 323 million hectares are covered by dense forests (i.e. crown cover of 30 percent or more). Because of the low productivity of Indian forests, it is estimated that an area this size can sustain a maximum annual harvest of only 39 million cubic meters.

During the past several years, both the central and state governments have implemented programs to spur reforestation. In 1985, the central government established the National Wasteland Development Board (NWDB) to oversee the reforestation of 5 million hectares per year. Timber eventually cut from this land would be used as fuelwood and fodder trees for rural communities. Although actual plantings fell short of the original NWDB goal, 7.16 million hectares were reforested in 4 years. In 1989, the NWDB was abolished and replaced by the Technology Mission for Wasteland Development (TMWD). TMWD's target is the reforestation of 17 million hectares during the course of India's eighth 5-year plan (1990-1995): 9 million hectares in degraded forests, 3 million of which will be designated exclusively for fuelwood; 2 million hectares for forest plantations on community lands; and 6 million hectares on private forest lands to be reserved for industrial use.

INDIA: COTTON PRODUCTION POLICY FOCUSED ON EXPORTS

India's government programs and incentives are attempting to shift cotton production from short and superior medium staple varieties, which are traditionally grown under irrigation in the northern growing states, to more exportable varieties. The Government is especially interested in increasing production of medium (20-21.5 mm, 5-5.9 micronaire) and long (24.5-26 mm, 3-3.9 micronaire) staple cotton, which are currently in short supply. The northern region contributed a large part of the very significant cotton production increase achieved in 1989/90. This move by the government should accommodate its new cotton export policy, stipulating that India begin to export a minimum of 390,000 (480 lb.) bales each year.

PAKISTAN: RECORD COTTON PRODUCTION EXPECTED

Farmers' returns from cotton in 1989/90 were substantial, making cotton the number one cash crop in Punjab, and second only to sugarcane in Sindh. These high returns were fueled by strong domestic prices, owing to a rapidly expanding cotton textile industry. The same production and marketing environment is expected for the new year with government incentives encouraging the use of additional crop inputs. Unlike last year when a critical shortage of fertilizer during a key part of the growing season led to reduced cotton yields, 1990 fertilizer supplies are reported to be adequate for the entire crop year. This should benefit this year's cotton yields. The government's support price for cotton was well below the market price in the past year and played no significant role in production decisions. For the 1990/91 crop season, the government has raised support prices substantially for both cottonseed and lint. The Government believes this is an important signal to growers to increase cotton production, indicating its continuing desire to support the expansion of the Pakistani textile industry.

PAKISTAN: FORESTRY SITUATION

Pakistan's annual timber cut has been declining for the past several years. Since fellings from private lands have been relatively stable, most of the decline can be attributed to reduced fellings from public lands due to inadequate government reforestation efforts. The annual cut mainly consists of softwoods used for fuel. The remaining timber is processed into matches and various other products. Total forestry production is as follows in 1,000 cubic meters:

	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u> <u>1/</u>
<u>Public Lands</u>				
Fuelwood	543	496	450	280
Timber	407	402	398	371
Total	950	898	848	651
<u>Private Lands</u>				
Fuelwood	20,000	20,000	20,000	20,000
Timber	1,200	1,200	1,200	1,200
Total	21,200	21,200	21,200	21,200
TOTAL	22,150	22,098	22,048	21,851

1/ Preliminary

POLAND: COLD SPELL DAMAGES HORTICULTURAL CROPS

According to the U.S. agricultural attache in Warsaw, a sudden cold spell on May 19-21, severely damaged fruit and vegetable crops in eastern, southern, and central Poland. Reportedly, fruit trees, strawberries, tomatoes, potatoes, cucumbers, and beans were affected. Blossoming deciduous fruit trees, already weakened by frosts in April, apparently sustained the most damage. Initial assessments of bud loss in the affected areas are as follows: 70 percent for apples; 60-80 percent for plums, and 70-80 percent for sour cherries. Official loss estimates are, as yet, unavailable.

POLAND: MIXED OUTLOOK IN LIVESTOCK SECTOR

In Poland, recently released April 1, livestock census numbers show total hog numbers at 18.8 million head, up 0.1 million from the year earlier level. This represents substantial improvement for the hog sector since the December census showed numbers down 7 percent. Government procurement of hogs during the first quarter of 1990 was off 35 percent, but increased private trade offset much of the decline in government buying. First quarter pork production was off 14 percent. In contrast to the improvement for hogs, April cattle numbers were the same as last year after being up 2 percent in December. The lack of growth in the cattle herd reflects the current poor profitability of both dairy and beef production which is causing some resources to be switched to pork where prospects are somewhat brighter. The loss of feed subsidies for broiler production and more competitive prices for red meats are expected to cause poultry meat production to decline in 1990.

SPAIN: PROSPECTS DIM FOR RECORD ALMOND CROP

According to the U.S. agricultural counselor in Madrid, Spain's 1990/91 almond harvest is expected to be substantially smaller than originally forecast. Abnormally warm, winter temperatures caused an irregular set throughout the major producing areas. This was followed by heavy frost damage during March and April. Current assessments point to a fairly normal 1990/91 crop of 60,000-65,000 tons (shelled basis), compared with early season projections indicating a record harvest of 90,000-100,000 tons.

YUGOSLAVIA: UPDATE ON PLUM AND DRIED PRUNE PRODUCTION

According to the U.S. agricultural attache in Belgrade, fresh plum production for 1989 has been finalized at 819,000 tons, up 7 percent from 1988. In contrast, the 1989 dried prune pack has been logged at only 12,148 tons, 6 percent below the 12,873 tons produced in 1988, due to slack export demand. Prospects for the 1990 season are similarly mixed. Production of fresh plums is currently projected at 850,000 tons, but, because of the continuing slump in export demand, dried prune production may not exceed 12,000 tons.

FEATURE COMMODITY ARTICLES

WORLD PRODUCTION OF TOMATOES FOR PROCESSING

Following a 28-percent-advance in 1989, output of tomatoes for processing in 11 major producing countries is estimated up 9 percent for 1990 to 20.4 million tons. Most of the 1990 increase is forecast to occur in the United States, though Italy, Portugal, and Spain are also expected to show significant increases. Production of processing tomatoes in the Mediterranean Basin (listed EC countries plus Turkey and Israel) is forecast to increase a modest 1 percent after a 30-percent increase last year.

In the United States, favorable prices in product markets have stimulated another large increase in plantings. U.S. contracted area of 148,000 hectares is well above total area in 1989. Production in 1990 is forecast to exceed 10 million metric tons, 1.4 million above production in 1989. Mexico's 1988 elimination of the quota system on tomato plantings and stronger prices for tomato products induced a significant production increases in both 1989 and 1990.

Output of processing tomatoes in the five EC countries reviewed is estimated at 7.3 million tons, up 3 percent from the 1989. Except for Spain and Portugal, which had quota increases, EC quotas and support prices (in ECU terms) are unchanged for 1990. However in national currency terms, variations in the "green rate" allowed for some support price changes. Output in Italy, the leading EC producer, is forecast at 3.9 million tons, up about 3 percent. Italian planted area is up about 6 percent. Processing tomato production in Greece in 1989 was up 40 percent, but some decline is forecast for this year as the second year of dry weather takes its toll on yield prospects.

Following a relatively favorable 1989 season and with a 200,000-ton-increase in its EC quota, Spain's production of processing tomatoes for 1990 is estimated at 1.1 million tons, up about 14 percent. Output of processing tomatoes in Portugal, estimated at 690,000 tons, is up sharply reflecting a 100,000-ton quota increase and favorable weather thus far in the season. France's 1990 crop, forecast at 340,000 tons, is up about 5 percent but still well below the EC quota of 392,000 tons.

Turkey's output of processing tomatoes is estimated at 1.6 million tons in 1990, down about 100,000 tons from the record level of 1989 despite an increase in the factory buying price. Reportedly, some producers had difficulty selling their entire crop in 1989. Israel's 1990 output is estimated at 300,000 tons, down from 1989 as both buying prices for tomatoes and irrigation water availability have declined. Taiwan's 1990 output of processing tomatoes (harvested early in the year) was up as growers took advantage of higher prices.

TABLE 9

PRODUCTION OF TOMATOES FOR PROCESSING IN SELECTED COUNTRIES
(Thousand Tons)

Country	1987	1988	Preliminary 1989	Forecast 1990
United States	6,896	6,722	8,604	10,047
Canada	478	519	520	530
Mexico	271	282	317	365 <u>1/</u>
Italy	3,100 <u>2/</u>	3,160	3,800	3,900 <u>1/</u>
France	236	276	323	340
Greece	865 <u>3/</u>	1,005 <u>4/</u>	1,400 <u>5/</u>	1,300
Spain	743	746	976	1,109
Portugal	427	450	611	690
Turkey	900	1,200	1,700	1,600
Israel	178	136	317	300
Taiwan	278	207	220	242 <u>1/</u>
Total	14,372	14,703	18,788	20,423

1/ Forecasts made in December 1989. 2/ Includes 40,000 tons withdrawn from the market. 3/ Includes about 15,000 tons withdrawn from the market and 25,000 tons not delivered to processors. 4/ Includes 44,000 tons not delivered to processors. 5/ Includes 8,000 tons withdrawn from the market and approximately 100,000 tons not delivered to processors.

WORLD UNMANUFACTURED TOBACCO PRODUCTION BY TYPE

World total unmanufactured tobacco production for 1990 is estimated at 6.92 million tons compared to 7.09 million tons produced in 1989. The current estimate is 0.02 million tons below the June estimate as a result of a revision in the U.S. flue-cured production forecast.

Flue-cured tobacco production for 1990 is projected at 4.06 million tons, down about 2 percent from last year. Forecast production is down in all the major producers except the United States which is up 6 percent due to higher quotas. In China, production is projected down 4 percent because growers reduced plantings in response to tighter quality standards for tobacco grades and better prices for alternative crops. Production in India is forecast down about 9 percent because of state ordered planting reductions to cut surplus supplies. Forecast Brazilian production is down 5 percent because of reduced plantings due to a low farm price. In Zimbabwe, production is expected to be down 2 percent because wet weather in January reduced yields, but crop quality is reported to be good.

Burley tobacco production for 1990 is projected at 0.72 million tons, up about 4 percent. U.S. production is projected to increase 16 percent because planting quotas have been increased and higher yields are expected. In Italy, good weather and improved price supports for burley are expected to lead to a near 20 percent production increase. There is also a 9-percent increase projected in China due to increased plantings. In Malawi, reduced quotas led to a 8-percent area decline, and yields are off due to dry weather with the result that production is off 12 percent. Quality is, however, reported to be high. In Mexico, production is projected to decline about 35 percent because of a shortage in state provided credit for producers, heavy rain damage to seedlings, and disease problems caused by excess moisture.

Oriental tobacco production is projected down about 2 percent to 0.78 million tons. For the two largest producers, forecast production is down 16 percent in Turkey because weak prices led to smaller plantings, and about 5 percent in the Soviet Union because of reduced plantings. Higher production is forecast in Bulgaria as output partially recovers from last year's decline when ethnic Turkish tobacco workers emigrated. Greek production is forecast to increase, returning to the 1988 level.

Dark air/sun-cured tobacco production for 1990 is projected down 8 percent to 1.02 million tons largely because of a 12 percent drop in Indian production because of weather reduced yields. The other major producer with a large drop is Italy where production is forecast down about 25 percent because of changes in EC price supports for dark air/sun-cured tobacco. In Brazil, forecast production is down 13 percent due to excessive rain at planting time and reduced input application as producers attempted to cut costs.

World unmanufactured tobacco production, by leaf type, is forecast as follows:

Leaf Type	Revised 1988	Revised 1989	Forecast 1990
-----1000 metric tons-----			
Flue-cured	3,937	4,143	4,058
Burley	662	695	721
Oriental	789	799	784
Dark air/sun-cured	1,095	1,100	1,016
Light air-cured	94	91	74
Dark air-cured, cigar	207	212	211
Dark fire-cured	53	46	56
<u>Total 1/</u>	6,838	7,085	6,920

1/ Individual types may not add to total due to rounding.

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TABLE 10

FLUE-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989	1990	1988	1989	1990
	(FORECAST)			(FORECAST)		
	-----HECTARES-----			-----METRIC TONS-----		
NORTH AMERICA						
Canada	28,607	31,000	27,700	68,521	73,000	61,000
Mexico	7,290	7,012	7,230	13,820	14,410	12,430
United States	148,282	158,110	168,350	368,871	366,660	388,367
REGION TOTAL	184,179	196,122	203,280	451,212	454,070	461,797
SOUTH AMERICA						
Argentina	28,800	31,600	29,500	42,053	48,325	43,500
Brazil	144,000	167,000	157,000	281,000	310,000	295,000
Chile	946	1,102	1,180	2,620	3,071	3,400
Colombia	3,051	3,163	3,351	5,063	5,102	5,751
Ecuador	650	650	650	1,575	1,575	1,575
Guyana	100	100	100	100	100	100
Peru	1,200	1,200	1,200	1,820	1,820	1,820
Uruguay	665	665	665	1,250	1,250	1,250
Venezuela	5,438	4,997	5,429	8,806	8,350	9,055
REGION TOTAL	184,850	210,477	199,075	344,287	379,593	361,451
CENTRAL AMERICA						
Costa Rica	233	265	250	529	489	540
El Salvador	350	375	342	790	874	839
Guatemala	545	838	868	851	1,357	1,585
Honduras	325	561	694	766	954	1,651
Nicaragua	500	500	500	1,000	1,000	1,000
Panama	100	100	100	180	180	180
REGION TOTAL	2,053	2,639	2,754	4,116	4,854	5,795
CARIBBEAN						
Dominican Rep.	1,259	1,413	1,572	1,763	2,812	3,128
Haiti	145	145	145	140	140	140
Jamaica and Dep	547	547	547	1,212	1,212	1,212
Trin. and Tobag	100	100	100	170	170	170
REGION TOTAL	2,051	2,205	2,364	3,285	4,334	4,650
NORTH AFRICA						
Morocco	37	34	35	89	79	88

TABLE 10 (CONTINUED)

FLUE-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
OTHER AFRICA						
Angola	3,200	3,200	3,200	3,200	3,200	3,200
Benin	67	67	67	134	134	134
Ethiopia	1,500	1,500	1,500	1,700	1,725	1,750
Ghana	3,950	3,950	3,950	1,825	1,850	1,850
Kenya	4,070	4,040	4,040	6,165	6,300	6,300
Madagascar	750	750	750	1,200	1,200	1,200
Malawi	16,800	16,500	16,500	20,742	19,835	22,000
Mali	334	334	334	184	184	184
Mauritius	1,633	1,650	1,650	912	936	936
Mozambique	1,270	1,270	1,270	1,350	1,350	1,350
Nigeria	1,934	1,934	1,934	1,955	1,955	1,955
Reunion	100	100	100	105	100	100
Sierra Leone	342	342	342	400	400	400
South Africa	21,087	20,460	20,465	27,450	33,000	26,400
Tanzania	18,218	18,218	18,218	15,000	13,000	11,000
Uganda	1,650	1,350	2,150	1,500	1,200	2,000
Zaire	880	880	880	1,400	1,400	1,400
Zambia	2,850	2,850	2,850	3,500	3,500	3,500
Zimbabwe	59,178	57,660	60,500	119,913	129,960	128,000
REGION TOTAL	139,813	137,055	140,700	208,635	221,229	213,659
OTHER ASIA						
Bangladesh	12,000	12,000	12,000	13,000	13,000	13,000
Burma	5,800	5,800	5,800	13,200	13,200	13,200
Cambodia	2,600	2,600	2,600	1,200	1,200	1,200
China	1,304,600	1,510,000	1,400,000	2,338,000	2,443,000	2,355,000
India	67,710	114,310	104,365	59,340	116,210	105,800
Indonesia	82,130	70,000	80,000	54,393	45,500	53,000
Japan	24,004	19,752	19,835	52,670	46,556	46,560
Korea, North	15,100	15,100	15,100	18,400	18,400	18,400
Korea, South	22,952	22,329	22,590	52,196	54,020	52,452
Laos	1,150	1,150	1,150	1,025	1,025	1,025
Malaysia	9,477	12,311	10,000	7,280	13,637	10,500
Pakistan	11,871	10,971	11,650	24,800	23,790	23,300
Philippines	25,700	25,700	25,500	30,720	40,775	40,000
Sri Lanka	6,117	6,117	6,117	4,909	4,909	4,909
Taiwan	8,654	8,019	7,940	20,712	18,986	19,183
Thailand	23,500	23,373	24,600	27,025	29,684	32,000
Vietnam	12,000	12,000	12,000	9,800	9,800	9,800
REGION TOTAL	1,635,365	1,871,532	1,761,247	2,728,670	2,893,692	2,799,329

TABLE 10 (CONTINUED)

FLUE-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
MIDDLE EAST						
Cyprus	144	144	144	230	230	230
Iran	2,750	2,750	2,750	5,300	5,300	5,300
Jordan	5,800	5,800	5,800	3,960	4,110	4,110
Syria	1,815	1,769	2,100	4,010	3,501	3,990
Turkey	679	710	750	1,494	1,761	2,000
Yemen (Sanaa)	3,322	3,300	3,300	5,600	5,720	5,720
REGION TOTAL	14,510	14,473	14,844	20,594	20,622	21,350
EUROPEAN COMMUNITY						
France	3,013	2,650	2,660	5,570	5,425	4,945
Germany, West	640	713	727	1,123	1,222	1,250
Greece	1,574	3,597	4,200	4,525	8,627	12,500
Italy	21,248	21,000	23,000	42,105	38,000	46,000
Portugal	1,420	1,612	1,646	2,622	4,022	4,100
Spain	7,500	10,500	13,800	10,940	21,300	25,000
REGION TOTAL	35,395	40,072	46,033	66,885	78,596	93,795
EAST EUROPE						
Bulgaria	11,210	7,800	9,500	20,730	11,200	16,500
Czechoslovakia	1,100	1,100	1,100	1,200	1,200	1,200
Germany, East	1,146	1,148	980	1,375	1,285	1,147
Hungary	6,500	5,118	5,160	11,290	10,775	10,800
Poland	17,009	13,531	13,500	33,190	24,000	24,000
Romania	7,900	7,850	7,950	6,800	5,900	6,400
Yugoslavia	18,000	15,000	17,000	20,000	16,500	20,740
REGION TOTAL	62,865	51,547	55,190	94,585	70,860	80,787
OCEANIA						
Australia	5,015	4,771	5,300	13,335	13,296	13,500
New Zealand	683	583	583	1,770	1,520	1,520
REGION TOTAL	5,698	5,354	5,883	15,105	14,816	15,020
WORLD	2,266,816	2,533,510	2,431,405	3,937,463	4,142,745	4,057,721

TABLE 11 (CONTINUED)

BURLEY TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989	1990 (FORECAST)	1988	1989	1990 (FORECAST)
	-----HECTARES-----			-----METRIC TONS-----		
NORTH AMERICA						
Mexico	20,922	13,584	11,230	33,770	26,180	17,490
United States	91,624	98,888	103,320	216,460	218,891	254,332
REGION TOTAL	112,546	112,472	114,550	250,230	245,071	271,822
SOUTH AMERICA						
Argentina	12,800	13,100	12,200	14,795	20,190	18,400
Brazil	33,000	37,000	35,000	54,000	59,000	57,000
Chile	1,928	2,154	2,530	6,923	7,629	9,135
Colombia	1,863	1,978	2,200	3,033	3,082	3,333
Ecuador	840	700	700	2,010	1,700	1,700
Paraguay	55	40	40	70	45	45
Peru	400	400	400	380	380	380
Uruguay	65	65	65	50	50	50
Venezuela	3,361	2,920	3,127	5,722	5,140	5,492
REGION TOTAL	54,312	58,357	56,262	86,983	97,216	95,535
CENTRAL AMERICA						
Costa Rica	134	148	150	201	266	240
El Salvador	270	249	275	619	658	726
Guatemala	4,349	5,278	5,452	7,837	10,086	9,644
Honduras	1,177	1,300	1,325	1,531	1,729	1,858
Nicaragua	1,150	1,150	1,150	2,300	2,300	2,300
Panama	380	380	380	1,000	1,000	1,000
REGION TOTAL	7,460	8,505	8,732	13,488	16,039	15,768
CARIBBEAN						
Dominican Rep.	648	962	1,057	722	1,641	1,800
Haiti	320	320	320	390	390	390
REGION TOTAL	968	1,282	1,377	1,112	2,031	2,190
NORTH AFRICA						
Libya	360	360	360	859	859	859
Morocco	4,660	5,323	6,300	5,964	6,030	8,000
Tunisia	4,900	4,910	4,910	4,460	4,470	4,470
REGION TOTAL	9,920	10,593	11,570	11,283	11,359	13,329

TABLE 11 (CONTINUED)

BURLEY TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989	1990 (FORECAST)	1988	1989	1990 (FORECAST)
	-----HECTARES-----			-----METRIC TONS-----		
OTHER AFRICA						
Angola	250	250	250	200	200	200
Kenya	30	60	60	147	250	250
Madagascar	2,150	2,150	2,150	1,545	1,545	1,545
Malawi	41,400	52,000	48,000	45,603	61,212	54,000
Mozambique	950	950	950	1,150	1,150	1,150
South Africa	222	285	109	150	175	140
Swaziland	100	100	100	100	100	100
Tanzania	200	0	0	55	0	0
Zaire	650	650	650	660	660	660
Zambia	650	650	650	800	800	800
Zimbabwe	2,253	2,684	3,190	3,734	5,207	6,200
REGION TOTAL	48,855	59,779	56,109	54,144	71,299	65,045
OTHER ASIA						
Bangladesh	350	350	350	280	280	280
China	36,500	41,400	43,000	50,000	55,000	60,000
India	2,330	2,865	6,950	1,530	2,560	4,730
Indonesia	25	35	40	31	44	50
Japan	13,108	9,040	8,897	23,520	23,695	23,700
Korea, South	8,869	8,656	8,739	20,802	24,402	20,775
Malaysia	155	170	300	200	240	450
Pakistan	203	270	384	400	530	750
Philippines	9,180	9,000	8,500	21,590	19,300	18,000
Sri Lanka	843	843	843	1,347	1,347	1,347
Thailand	6,612	6,848	7,800	15,517	16,765	19,500
REGION TOTAL	78,175	79,477	85,803	135,217	144,163	149,582
MIDDLE EAST						
Syria	1,865	3,579	1,800	3,948	3,105	3,600
Turkey	52	55	60	113	116	120
REGION TOTAL	1,917	3,634	1,860	4,061	3,221	3,720

JULY 1990

PRODUCTION ESTIMATES AND CROP ASSESSMENT DIVISION, CMPPECAD//USDA

TABLE 11 (CONTINUED)

BURLEY TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
EUROPEAN COMMUNITY						
France	1,140	1,190	1,365	2,583	3,098	3,192
Germany, West	1,176	1,280	1,254	2,950	2,926	3,050
Greece	3,300	1,732	1,800	9,553	4,062	4,000
Italy	13,883	14,800	18,000	37,928	43,000	51,000
Portugal	533	464	573	1,528	1,450	1,790
Spain	16,300	16,000	8,500	22,720	23,200	13,500
REGION TOTAL	36,332	35,466	31,492	77,262	77,736	76,532
OTHER WEST EUROPE						
Austria	259	256	236	457	404	377
Switzerland	685	675	670	1,750	1,620	1,500
REGION TOTAL	944	931	906	2,207	2,024	1,877
EAST EUROPE						
Bulgaria	4,000	3,200	4,000	5,700	4,000	5,500
Czechoslovakia	400	400	400	500	500	500
Germany, East	1,772	1,850	1,360	2,645	3,000	2,180
Hungary	250	182	180	460	310	310
Poland	2,495	2,347	2,400	4,590	3,500	3,800
Romania	9,875	9,700	10,000	9,350	9,225	9,600
Yugoslavia	3,000	3,000	3,000	3,000	4,000	3,660
REGION TOTAL	21,792	20,679	21,340	26,245	24,535	25,550
OCEANIA						
New Zealand	17	17	17	30	30	30
WORLD	373,238	391,192	390,018	662,262	694,724	720,980

TABLE 12

ORIENTAL TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
NORTH & SOUTH AMER.						
Mexico	1,050	0	500	2,060	0	295
CHILE	90	100	89	166	161	150
REGION TOTAL	1,140	100	589	2,226	161	445
CENTRAL AMERICA						
Guatemala	70	143	160	64	166	138
Honduras	38	22	39	37	22	33
Panama	40	40	40	9	9	9
REGION TOTAL	148	205	239	110	197	180
NORTH AFRICA						
Libya	240	240	240	58	58	58
OTHER AFRICA						
Ethiopia	1,500	1,500	1,500	1,700	1,725	1,750
Malawi	350	600	700	161	296	250
South Africa	1,129	1,015	1,025	610	470	620
Zimbabwe	132	200	370	24	38	70
REGION TOTAL	3,111	3,315	3,595	2,495	2,529	2,690
OTHER ASIA						
China	2,750	3,100	3,250	5,500	6,150	6,500
Pakistan	9,856	11,321	11,000	18,100	21,000	20,500
Philippines	142	150	150	142	146	150
Thailand	6,390	8,500	12,800	5,569	8,791	13,810
REGION TOTAL	19,138	23,071	27,200	29,311	36,087	40,960
MIDDLE EAST						
Cyprus	17	17	17	11	11	11
Iran	10,470	10,470	10,470	12,000	12,500	12,500
Iraq	2,000	2,000	4,000	2,180	2,180	4,360
Israel	800	400	200	295	280	150
Lebanon	3,750	3,750	3,750	5,000	5,000	5,000
Syria	10,350	6,552	11,350	7,880	4,146	9,120
Turkey	236,100	273,032	220,000	217,143	250,752	210,000
REGION TOTAL	263,487	296,221	249,787	244,509	274,869	241,141

TABLE 12 (CONTINUED)

ORIENTAL TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
EUROPEAN COMMUNITY						
Greece	82,132	76,092	78,000	120,717	112,962	120,000
Italy	14,960	15,800	13,000	19,854	20,500	18,000
REGION TOTAL	97,092	91,892	91,000	140,571	133,462	138,000
EAST EUROPE						
Bulgaria	72,399	68,000	70,000	89,304	68,000	84,000
Czechoslovakia	900	900	900	1,300	1,300	1,300
Romania	11,850	11,900	12,300	9,500	9,400	9,900
Yugoslavia	31,000	32,000	33,000	28,000	37,000	40,260
REGION TOTAL	116,149	112,800	116,200	128,104	115,700	135,460
USSR	131,500	127,500	120,000	242,000	236,235	225,000
WORLD	632,005	655,344	608,850	789,384	799,298	783,934

TABLE 13

DARK AIR AND SUN-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
NORTH AMERICA						
Canada	445	400	410	1,005	900	925
United States	1,372	1,433	1,716	3,411	2,963	3,856
REGION TOTAL	1,817	1,833	2,126	4,416	3,863	4,781
SOUTH AMERICA						
Argentina	12,800	10,900	8,200	14,263	10,950	7,600
Bolivia	1,250	1,250	1,250	1,250	1,250	1,250
Brazil	76,000	76,000	76,000	65,000	71,000	62,000
Chile	60	67	102	260	244	365
Colombia	14,537	13,640	13,522	21,788	20,435	20,664
Ecuador	325	325	325	450	450	450
Paraguay	5,170	2,700	3,000	7,000	3,500	4,000
Peru	800	800	800	800	800	800
Uruguay	70	70	70	100	100	100
REGION TOTAL	111,012	105,752	103,269	110,911	108,729	97,229
CENTRAL AMERICA						
Panama	20	20	20	18	18	18
CARIBBEAN						
Dominican Rep.	20,921	24,636	11,020	20,272	23,600	13,775
Haiti	100	100	100	200	200	200
St. Vincent	35	35	35	44	43	43
REGION TOTAL	21,056	24,771	11,155	20,516	23,843	14,018
NORTH AFRICA						
Algeria	2,580	2,600	2,700	4,200	4,800	5,000
Libya	300	300	300	533	533	533
Morocco	71	126	100	387	442	400
Tunisia	500	500	500	1,040	1,130	1,130
REGION TOTAL	3,451	3,526	3,600	6,160	6,905	7,063

TABLE 13 (CONTINUED)

DARK AIR AND SUN-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
OTHER AFRICA						
Angola	500	500	500	500	500	500
Benin	66	66	66	133	133	133
Burundi	2,000	2,000	2,000	1,600	1,600	1,600
Congo	2,200	2,200	2,200	750	750	750
Cote D' Ivoire	10,000	10,000	10,000	2,467	2,490	2,490
Madagascar	1,000	1,000	1,000	1,300	1,300	1,300
Malawi	2,200	2,640	4,600	560	372	1,500
Mali	333	333	333	183	183	183
Mozambique	400	400	400	230	230	230
Nigeria	1,731	1,731	1,731	1,910	1,910	1,910
South Africa	2,120	2,479	2,865	2,495	3,660	4,150
Swaziland	100	100	100	100	100	100
Togo	2,000	2,000	2,000	1,000	1,000	1,000
Zaire	450	450	450	532	532	532
REGION TOTAL	25,100	25,899	28,245	13,760	14,760	16,378

TABLE 13 (CONTINUED)

DARK AIR AND SUN-CURED TOBACCO

AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
OTHER ASIA						
Bangladesh	21,515	21,515	21,515	19,685	19,685	19,685
Burma	49,200	49,200	49,200	31,800	31,800	31,800
Cambodia	6,400	6,400	6,400	3,800	3,800	3,800
China	179,000	140,000	140,000	263,000	200,000	200,000
India	245,235	251,625	270,130	302,930	362,130	320,000
Indonesia	149,222	149,894	150,500	69,351	84,170	85,000
Korea, North	15,100	15,100	15,100	18,400	18,400	18,400
Laos	2,850	2,850	2,850	1,975	1,975	1,975
Pakistan	17,605	19,143	18,000	20,390	23,870	22,500
Sri Lanka	1,726	1,726	1,726	1,654	1,654	1,654
Vietnam	20,000	20,000	20,000	18,200	18,200	18,200
REGION TOTAL	707,853	677,453	695,421	751,185	765,684	723,014
MIDDLE EAST						
Iran	4,780	4,780	4,780	7,200	7,200	7,200
Jordan	200	200	200	40	40	40
Oman	1,800	1,800	1,800	2,100	2,000	2,000
Turkey	30	30	30	18	20	20
United Arab Em.	350	350	350	2,000	2,000	2,000
REGION TOTAL	7,160	7,160	7,160	11,358	11,260	11,260
EUROPEAN COMMUNITY						
France	8,517	7,573	6,905	21,204	20,693	18,093
Italy	37,202	40,600	31,000	73,679	84,000	62,000
REGION TOTAL	45,719	48,173	37,905	94,883	104,693	80,093
EAST EUROPE						
Albania	24,000	24,000	24,000	15,000	15,000	15,000
Czechoslovakia	1,350	1,350	1,350	2,500	2,500	2,500
Germany, East	730	658	280	1,362	1,130	470
Hungary	4,150	3,000	3,150	11,050	8,220	8,775
Poland	17,019	9,305	10,000	38,990	20,300	22,000
Romania	9,875	9,550	9,750	13,000	12,900	12,900
REGION TOTAL	57,124	47,863	48,530	81,902	60,050	61,645
OCEANIA						
SOLOMON IS.	100	100	100	96	95	95
WORLD	980,412	942,550	937,531	1,095,205	1,099,900	1,015,594

TABLE 14

LIGHT AIR-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
NORTH AMERICA						
Mexico	10,303	7,585	3,100	16,570	13,770	5,400
United States	5,059	5,059	5,059	8,367	8,085	7,893
REGION TOTAL	15,362	12,644	8,159	24,937	21,855	13,293
SOUTH AMERICA						
Argentina	713	700	620	983	1,047	850
Brazil	8,000	8,000	8,000	14,000	13,000	13,000
Colombia	724	704	830	1,065	1,016	1,096
Peru	100	100	100	100	100	100
REGION TOTAL	9,537	9,504	9,550	16,148	15,163	15,046
CENTRAL AMERICA						
Costa Rica	416	421	420	861	790	882
Guatemala	220	181	207	198	257	287
Honduras	216	108	135	281	163	182
Nicaragua	140	140	140	300	300	300
REGION TOTAL	992	850	902	1,640	1,510	1,651
OTHER AFRICA						
Cameroon	810	810	810	600	600	600
Congo	1,800	1,800	1,800	1,050	1,050	1,050
Madagascar	2,000	2,000	2,000	1,455	1,455	1,455
Niger	1,000	1,000	1,000	930	930	930
Nigeria	4,533	4,533	4,533	4,210	4,210	4,210
Reunion	100	100	100	105	100	100
Zaire	370	370	370	532	532	532
REGION TOTAL	10,613	10,613	10,613	8,882	8,877	8,877
OTHER ASIA						
Bangladesh	6,135	6,135	6,135	6,580	6,580	6,580
India	2,725	6,500	2,800	3,600	10,500	4,000
Japan	3,445	1,869	1,852	9,600	4,146	4,150
Korea	6,800	6,800	6,800	9,200	9,200	9,200
Pakistan	2,064	1,511	1,090	5,840	4,760	3,370
Sri Lanka	3,479	3,479	3,479	1,090	1,090	1,090
REGION TOTAL	24,648	26,294	22,156	35,910	36,276	28,390
MIDDLE EAST						
Syria	325	245	250	216	107	300

TABLE 14 (CONTINUED)

LIGHT AIR-CURED TOBACCO

AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
EUROPEAN COMMUNITY						
Germany, West	1,268	1,306	1,268	3,017	2,901	3,050
Italy	1,990	2,000	2,000	3,304	4,000	3,500
REGION TOTAL	3,258	3,306	3,268	6,321	6,901	6,550
WORLD	64,735	63,456	54,898	94,054	90,689	74,107

TABLE 15

DARK AIR-CURED TOBACCO, CIGAR
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989	1990	1988	1989	1990
	(FORECAST)			(FORECAST)		
	-----HECTARES-----			-----METRIC TONS-----		
NORTH AMERICA						
Canada	140	130	120	250	225	220
Mexico	3,860	3,623	0	7,400	4,400	7,750
United States	4,775	5,318	5,063	10,148	11,637	12,020
REGION TOTAL	8,775	9,071	5,183	17,798	16,262	19,990
SOUTH AMERICA						
Brazil	6,000	6,000	6,000	5,000	9,000	8,000
Colombia	596	415	371	890	601	525
Ecuador	125	125	125	125	125	125
REGION TOTAL	6,721	6,540	6,496	6,015	9,726	8,650
CENTRAL AMERICA						
Costa Rica	17	17	58	52	22	71
Honduras	584	540	560	1,160	1,378	1,430
Nicaragua	450	450	450	950	950	950
Panama	180	180	180	95	95	95
REGION TOTAL	1,231	1,187	1,248	2,257	2,445	2,546
CARIBBEAN						
Cuba	50,000	49,500	50,000	44,000	44,000	44,000
Jamaica and Dep	628	628	628	1,127	1,127	1,127
St. Vincent	35	35	35	44	42	42
REGION TOTAL	50,663	50,163	50,663	45,171	45,169	45,169
OTHER AFRICA						
Cameroon	2,590	2,590	2,590	4,500	4,900	4,900
Cent. Afr. Rep.	750	750	750	625	650	650
Chad	200	200	200	200	200	200
Uganda	1,650	2,150	2,150	1,500	2,000	2,000
REGION TOTAL	5,190	5,690	5,690	6,825	7,750	7,750
OTHER ASIA						
Bangladesh	14,000	14,000	14,000	12,000	12,000	12,000
China	32,000	32,000	31,000	73,000	73,000	70,745
Indonesia	10,000	13,600	14,000	14,000	20,400	20,000
Philippines	14,435	12,000	12,000	16,350	13,175	13,000
Thailand	19,000	18,000	16,500	10,450	9,540	8,250
REGION TOTAL	89,435	89,600	87,500	125,800	128,115	123,995

TABLE 15 (CONTINUED)

DARK AIR-CURED TOBACCO, CIGAR
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
EUROPEAN COMMUNITY						
BELGIUM-LUX.	426	425	425	1,647	1,805	1,800
SPAIN	600	830	887	665	915	975
REGION TOTAL	1,026	1,255	1,312	2,312	2,720	2,775
EAST EUROPE						
Poland	293	133	150	570	200	250
WORLD	163,334	163,639	158,242	206,748	212,387	211,125

TABLE 16
DARK FIRE-CURED TOBACCO
AREA AND PRODUCTION, WORLD AND SELECTED REGIONS

REGION AND COUNTRY	-----AREA-----			-----PRODUCTION-----		
	1988	1989 (FORECAST)	1990	1988	1989 (FORECAST)	1990
	-----HECTARES-----			-----METRIC TONS-----		
NORTH AMERICA						
Mexico	1,470	1,225	800	1,500	1,130	1,080
United States	5,480	6,111	6,487	13,945	13,119	15,967
REGION TOTAL	6,950	7,336	7,287	15,445	14,249	17,047
SOUTH AMERICA						
Argentina	120	48	70	141	32	50
OTHER AFRICA						
Benin	66	66	66	133	133	133
Kenya	1,000	1,000	1,000	1,950	2,300	2,300
Liberia	10	10	10	10	10	10
Malawi	29,000	17,900	25,400	7,987	4,900	11,000
Mali	333	333	333	183	183	183
Mozambique	80	80	80	170	170	170
Sierra Leone	198	198	198	200	200	200
Tanzania	2,832	2,832	2,832	2,000	2,000	3,000
Togo	2,000	2,000	2,000	1,000	1,000	1,000
Zaire	1,350	1,350	1,350	986	986	986
REGION TOTAL	36,869	25,769	33,269	14,619	11,882	18,982
EUROPEAN COMMUNITY						
Italy	4,527	4,000	4,000	7,485	7,500	7,500
EAST EUROPE						
Poland	4,956	4,113	4,100	15,530	12,000	12,000
WORLD	53,422	41,266	48,726	53,220	45,663	55,579

EC-12 GRAIN PRODUCTION SITUATION

Although grain production in the European Community has shown an overall upward trend during the 1980's, it has had several downturns mixed into the ascent. These adjustments were, in part, the reaction of EC-12 producers to price packages within the Common Agricultural Policy (CAP) and, more recently, to the relative crop prices.

Recent Grain Production Trends

Total grain production increased from roughly 136 million tons in 1981/82 to a record 175 million in 1984/85, or 29 percent. During the mid-1980's, production tapered off, falling 11 percent to 155.7 million tons by the 1986/87 season. Production rose again in 1988/89 to 164.8 million tons, as improved varieties significantly increased yields. Among the three largest grain producers, France, West Germany, and the United Kingdom, there has been a move away from barley since the mid-1980's. Plantings of high-yielding wheat varieties have offset, to some degree, lower barley plantings. In addition, larger oilseed plantings have been encouraged. This shift reflects producer efforts to maximize profit margins.

EC Commission Stabilizer Program for Grains

The production support prices, import levies and export subsidies, which tend to insulate EC-12 producers from international price movements, provide an attractive economic environment for farming. However, renewed pressure by trading partners in the GATT Uruguay Round and escalating CAP expenditures have prompted attempts by the EC Commission to at least slow down the rate of grain production. In 1988, the Commission established a "maximum guaranteed quantities" (MGQ's) for grain production (excluding rice), with penalties applied to levels in excess of the amount. For grain production, the MGQ was set at 160 million tons. In both 1988/89 and 1989/90 production exceeded the MGQ, thus intervention prices for marketing years 1989/90 and 1990/91 were reduced by 3 percent from the established intervention price. In addition, under the current program each sale of grain is subject to a basic co-responsibility levy of 3 percent and a supplementary co-responsibility levy of up to 3 percent. Since the implementation of the program, EC-12 grain production has remained marginally above the 160 million ton level. Although there have been area reductions in grains since 1988, higher yielding varieties continue to push output above the MGQ.

EC-12 Grain Production Outlook for 1990/91

The current estimate for 1990/91 EC-12 total grain production (excluding rice) is 159.8 million tons on an area of 33.7 million hectares. This production figure is slightly below last year, although harvested area is estimated to be significantly smaller than in 1989/90. The overall area decline reflects a shift out of barley principally to oilseeds and unfavorable weather in southern Europe that reduced wheat and corn area. Wheat production is expected to increase to 80.3 million tons, 1.7 million tons or 2 percent above last season. This reflects larger crops in France and the United Kingdom, but on a total EC area almost 4 percent less than last year. Coarse grains production is estimated at 79.5 million tons, 2.1 million below last year's figure on an area 2 percent below last year's 18.5 million hectares.

The 1990/91 EC-12 agricultural price package reduced grain support prices 3 percent as a result of 1989/90 grain production (excluding rice) in excess of the 160 million ton MGQ. However, there were other measures included in the package, which mitigated potential loss of income to farmers. These measures included realignment of the so-called "green rates" against the EC's common currency (ECU). This rate represents the effective normal return to farmers in their particular country's currency, e.g., French francs. In addition, the EC Commission agreed to speed up intervention payments to farmers and increase price adjustments for carrying grains. Thus, income incentives continue to outweigh official price cuts.

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TABLE 17

EC-12 GRAIN PRODUCTION 1982 THROUGH 1990

(1,000 metric tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Barley									
France	10,036	8,759	11,699	11,470	9,950	10,528	9,800	9,840	10,000
Germany, Federal Rep.	9,460	8,944	10,284	9,690	9,377	8,571	9,587	9,716	9,050
United Kingdom	10,960	9,980	11,055	9,740	10,015	9,225	8,775	8,025	8,500
Denmark	6,357	4,423	6,072	5,251	5,134	4,292	5,419	4,982	4,350
Spain	5,269	6,662	10,789	10,698	7,431	9,282	12,070	9,100	9,500
Greece	872	572	831	619	739	626	550	500	420
Portugal	51	54	135	65	90	100	51	87	30
Italy	1,060	1,174	1,618	1,630	1,543	1,708	1,561	1,565	1,700
Ireland	1,530	1,403	1,666	1,410	1,338	1,487	1,370	1,357	1,315
Netherlands	247	177	192	197	262	262	302	251	220
Belgium-Luxembourg	814	705	934	746	879	738	802	693	625
EC-12 TOTAL	46,656	42,853	55,275	51,516	46,758	46,819	50,287	46,116	45,710
Corn									
Netherlands	1	1	1	0	0	0	0	0	0
Portugal	421	424	483	531	628	620	647	674	690
Italy	6,847	6,669	6,672	6,357	6,401	5,762	6,318	6,400	6,500
Greece	1,449	1,550	1,990	1,822	1,921	2,300	1,850	1,650	1,550
Germany, Federal Rep.	1,054	934	1,026	1,204	1,302	1,217	1,536	1,573	1,500
Spain	2,330	1,803	2,529	3,414	3,424	3,526	3,557	3,100	2,300
France	10,400	10,400	10,384	12,367	11,470	12,454	14,578	13,070	12,000
Belgium-Luxembourg	52	39	53	51	53	40	54	62	60
EC-12 TOTAL	22,554	21,820	23,138	25,746	25,199	25,919	28,540	26,529	24,600

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 17 (CONTINUED)

EC-12 GRAIN PRODUCTION 1982 THROUGH 1990

(1,000 metric tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Millet									
France	3	3	15	20	17	16	15	15	15
EC-12 TOTAL	3	3	15	20	17	16	15	15	15
Mixed Grain									
United Kingdom	39	35	35	30	29	26	20	20	20
Denmark	16	7	7	8	8	8	7	7	7
France	459	409	624	671	692	931	449	564	576
Spain	9	4	8	7	7	10	11	10	10
EC-12 TOTAL	523	455	674	716	736	975	487	601	613
Oats									
Netherlands	136	61	58	58	40	47	60	32	25
Belgium-Luxembourg	225	110	122	126	81	82	96	63	65
Spain	443	464	788	680	433	502	537	494	560
Denmark	178	86	150	152	111	94	202	120	150
Greece	82	54	72	62	79	62	73	62	62
United Kingdom	575	465	516	615	505	450	540	515	550
Germany, Federal Rep.	3,777	2,489	2,973	3,278	2,687	2,406	2,434	1,946	2,100
Italy	359	307	433	363	397	361	383	285	330
France	1,802	1,374	1,892	1,803	1,007	1,045	984	979	920
Portugal	86	99	195	119	153	155	81	130	65
Ireland	93	108	131	100	97	100	98	105	100
EC-12 TOTAL	7,756	5,617	7,330	7,356	5,590	5,304	5,488	4,731	4,927

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 17 (CONTINUED)

EC-12 GRAIN PRODUCTION 1982 THROUGH 1990

(1,000 metric tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
<u>Rice, Milled</u>									
Greece	83	82	91	106	119	116	114	108	114
Italy	954	1,029	1,012	1,193	1,103	1,113	1,119	1,287	1,299
Portugal	143	109	134	148	149	145	146	148	151
Spain	402	224	437	459	494	483	499	340	549
France	26	35	35	62	60	59	74	92	95
EC-12 TOTAL	1,608	1,479	1,709	1,968	1,925	1,916	1,952	1,975	2,208
<u>Rye</u>									
Italy	32	28	24	23	22	20	18	18	18
Portugal	119	93	115	97	100	108	77	98	60
Belgium-Luxembourg	33	28	42	33	55	56	56	54	57
Spain	169	253	315	273	220	320	357	336	285
France	327	278	321	283	200	275	260	260	260
Greece	6	9	15	20	23	25	31	30	30
Germany, Federal Rep.	1,703	1,646	1,983	1,877	1,818	1,645	1,634	1,845	1,900
Netherlands	26	26	25	19	19	25	28	32	25
Denmark	235	315	608	565	546	513	366	485	500
United Kingdom	27	24	28	35	30	32	33	31	31
EC-12 TOTAL	2,677	2,700	3,476	3,225	3,033	3,019	2,860	3,189	3,166
<u>Sorghum</u>									
France	276	255	257	202	183	196	254	284	290
Italy	91	100	105	56	82	80	107	110	135
Spain	115	79	95	99	97	71	96	85	85
EC-12 TOTAL	482	434	457	357	362	347	457	479	510

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 17 (CONTINUED)

EC-12 GRAIN PRODUCTION 1982 THROUGH 1990

(1,000 metric tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Wheat									
Germany, Federal Rep.	8,632	8,998	10,223	9,866	10,406	9,932	11,922	11,032	11,600
Ireland	380	377	585	467	399	373	417	447	486
United Kingdom	10,320	10,802	14,957	12,045	13,910	11,940	11,750	14,200	14,500
Belgium-Luxembourg	1,063	1,062	1,330	1,204	1,342	1,114	1,321	1,478	1,525
Portugal	426	327	470	395	502	534	394	605	310
Denmark	1,207	1,548	2,446	1,972	2,177	2,285	2,080	3,221	3,800
Italy	8,903	8,514	10,057	8,461	9,102	9,381	7,952	7,412	8,000
France	25,368	24,807	33,241	29,262	26,665	27,234	29,540	31,950	33,000
Spain	4,410	4,268	6,052	5,329	4,392	5,768	6,173	5,200	4,600
Greece	2,983	2,043	2,646	1,775	2,200	2,118	2,300	2,005	1,400
Netherlands	967	1,043	1,131	851	940	769	827	1,047	1,075
EC-12 TOTAL	64,659	63,789	83,138	71,627	72,035	71,448	74,676	78,597	80,296
TOTAL GRAINS EC-12 PRODUCTION	146,918	139,150	175,212	162,531	155,655	155,763	164,762	162,232	162,045

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 18

EC-12 GRAIN AREA 1982 THROUGH 1990

(1,000 hectares)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Barley									
Belgium-Luxembourg	149	154	152	135	147	140	137	122	109
Denmark	1,485	1,359	1,180	1,104	1,078	943	1,165	1,001	950
France	2,388	2,140	2,117	2,248	2,075	1,967	1,862	1,825	1,800
Germany, Federal Rep.	2,021	2,035	2,006	1,949	1,947	1,849	1,836	1,746	1,690
Greece	311	312	334	326	284	267	220	225	175
Ireland	334	304	294	298	283	276	266	258	255
Italy	352	383	434	468	465	445	450	473	490
Netherlands	44	37	34	39	42	50	63	50	45
Portugal	77	88	97	86	87	84	74	125	45
Spain	3,615	3,735	4,023	4,246	4,340	4,352	4,175	4,260	4,435
United Kingdom	2,222	2,143	1,978	1,965	1,917	1,831	1,913	1,662	1,640
EC-12 TOTAL	12,998	12,690	12,649	12,864	12,665	12,204	12,161	11,747	11,634
Corn									
Belgium-Luxembourg	7	5	8	7	8	6	7	8	8
France	1,646	1,654	1,730	1,857	1,869	1,737	1,995	1,879	1,780
Germany, Federal Rep.	160	169	182	181	187	194	199	209	200
Greece	163	171	205	207	201	245	228	180	165
Italy	1,011	986	961	923	849	768	843	807	820
Netherlands	1	1	1	0	0	0	0	0	0
Portugal	352	311	319	241	258	220	250	260	266
Spain	418	354	440	526	524	540	556	510	400
EC-12 TOTAL	3,758	3,651	3,846	3,942	3,896	3,710	4,078	3,853	3,639

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

EC-12 GRAIN AREA 1982 THROUGH 1990

(1,000 hectares)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Millet									
France	1	1	4	6	6	6	5	5	5
EC-12 TOTAL	1	1	4	6	6	6	5	5	5
Mixed Grain									
Denmark	4	3	3	3	3	3	3	3	3
France	143	133	155	171	198	214	113	131	144
Spain	8	5	5	5	5	8	9	9	9
United Kingdom	10	8	8	7	7	6	5	5	5
EC-12 TOTAL	165	149	171	186	213	231	130	148	161
Oats									
Belgium-Luxembourg	52	28	27	29	21	21	22	20	16
Denmark	43	29	31	37	27	18	43	28	35
France	518	434	433	425	308	267	261	259	242
Germany, Federal Rep.	888	729	669	697	605	559	576	515	480
Greece	52	48	44	42	42	40	40	40	40
Ireland	23	22	24	23	21	20	20	19	19
Italy	219	209	191	182	184	176	171	167	165
Netherlands	24	14	12	11	7	9	13	8	6
Portugal	170	191	185	190	194	197	167	188	100
Spain	442	454	479	459	394	353	335	345	375
United Kingdom	129	108	106	133	95	99	120	119	120
EC-12 TOTAL	2,560	2,266	2,201	2,228	1,898	1,759	1,768	1,708	1,598

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 18 (CONTINUED)

EC-12 GRAIN AREA 1982 THROUGH 1990

(1,000 hectares)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
<u>Rice, Milled</u>									
France	5	7	9	11	12	12	14	17	18
Greece	16	14	16	16	18	18	21	16	18
Italy	178	184	180	187	193	191	199	207	210
Portugal	34	27	30	30	32	32	33	33	33
Spain	68	41	73	74	79	76	80	59	88
EC-12 TOTAL	301	273	308	318	334	329	347	332	367
<u>Rye</u>									
Belgium-Luxembourg	8	7	9	8	10	13	11	10	11
Denmark	55	77	122	127	120	136	81	101	115
France	110	97	96	84	74	75	75	74	73
Germany, Federal Rep.	422	456	450	437	425	423	390	393	425
Greece	3	4	7	9	11	13	15	15	15
Italy	13	11	9	9	8	8	8	8	8
Netherlands	6	7	6	5	4	6	7	7	5
Portugal	194	133	131	122	124	128	121	122	122
Spain	212	217	231	211	221	222	222	227	210
United Kingdom	6	7	6	8	6	7	7	7	7
EC-12 TOTAL	1,029	1,016	1,067	1,020	1,003	1,031	937	964	991
<u>Sorghum</u>									
France	56	54	59	44	46	37	42	67	70
Italy	20	25	22	15	13	14	19	20	25
Spain	27	20	21	21	19	14	17	16	15
EC-12 TOTAL	103	99	102	80	78	65	78	103	110

Production Estimates and Crop Assessment Division, FAS, USDA

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EC-12 GRAIN AREA 1982 THROUGH 1990

(1,000 hectares)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Wheat									
Belgium-Luxembourg	183	203	194	194	198	199	204	219	230
Denmark	180	243	333	340	354	398	309	446	585
France	4,845	4,811	5,100	4,832	4,905	4,959	4,807	5,030	5,180
Germany, Federal Rep.	1,578	1,655	1,634	1,612	1,648	1,671	1,743	1,777	1,720
Greece	1,033	1,002	924	848	872	869	880	890	657
Ireland	57	59	78	78	76	57	60	63	70
Italy	3,326	3,328	3,274	3,034	3,136	3,087	2,876	2,965	2,835
Netherlands	131	148	143	128	118	111	114	138	145
Portugal	366	331	280	282	317	324	294	334	180
Spain	2,662	2,603	2,306	2,043	2,114	2,223	2,333	2,295	1,950
United Kingdom	1,663	1,695	1,939	1,902	1,997	1,994	1,886	2,106	2,050
EC-12 TOTAL	16,024	16,078	16,205	15,293	15,735	15,892	15,506	16,263	15,602
TOAL GRAINS EC-12 AREA	36,939	36,223	36,553	35,937	35,828	35,227	35,010	35,123	34,107

July 1990

Production Estimates and Crop Assessment Division, FAS, USDA

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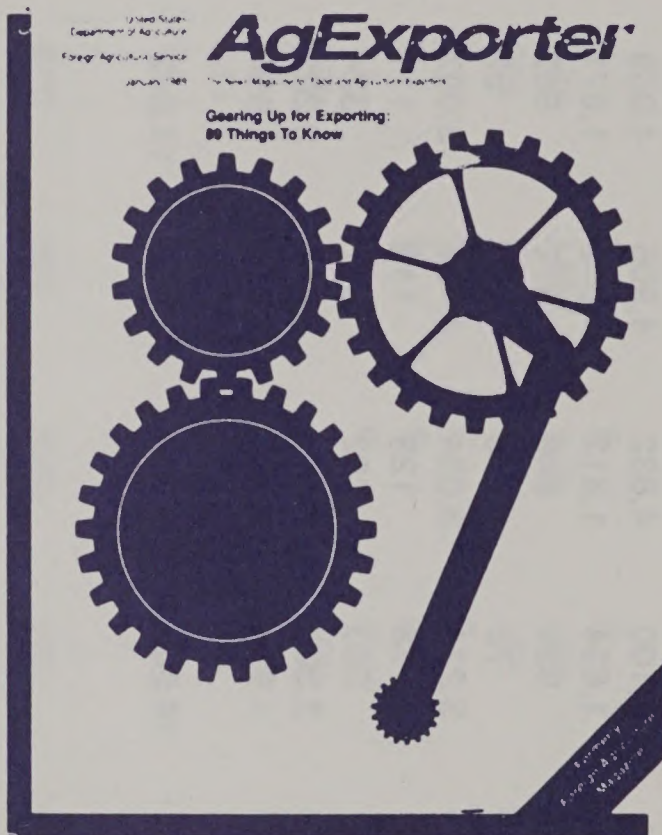
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